

**Oracle® Enterprise
Session Border Controller – S-Cz8.4.0**

Program Documentation – License Document

January 2021

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| Product | Subproduct | Licensing Description |
|---------|---|--|
| | | <p>admission control) failures.</p> <p>IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p>National Emergency Services (NSEP) - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures.</p> <p>SIPREC – Enables Oracle Enterprise SBC to replicate sessions to a session recorder according to the SIPREC standard</p> <p>SRTP (Secure Real-Time Transport Protocol) – Enables SRTP (SDES) media encryption.</p> <p>TLS (Transport Layer Security) – Enables cryptographic security for the SIP protocol. This feature is subject to export controls.</p> <p>Prerequisite Products Acme Packet 3900, 4600, 6300 or 6350 platform</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
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| Product | Subproduct | Licensing Description |
|---------|---|---|
| | | <p>IDS (Intrusion Detection) – Allows configuration of traps sent when endpoints are demoted to “denied” status. Allows configuration of syslog messages to be recorded when endpoints are demoted to “denied” status. Enables dynamic demotion of endpoints based upon CAC (call admission control) failures.</p> <p>IDS Advanced – This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p>National Emergency Services (NSEP) - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP network infrastructures.</p> <p>SIPREC – Enables Oracle Enterprise SBC to replicate sessions to a session recorder according to the SIPREC standard</p> <p>SRTP (Secure Real-Time Transport Protocol) – Enables SRTP (SDS) media encryption.</p> <p>TLS (Transport Layer Security) – Enables cryptographic security for the SIP protocol. This feature is subject to export controls.</p> <p>Prerequisite Products Acme Packet 1100 platform</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
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| Product | Subproduct | Licensing Description |
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| | | <p>Exceptions: Not applicable to VME. Requires separate TLS license.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Supported virtualized platform <p>OR</p> <ul style="list-style-type: none"> Acme Packet 1100, 3900, 4600, 6300, or 6350 platform <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| Session Capacity Based Licenses | | |
| | <p>Oracle Enterprise Session Border Controller, Administrative Security – Integrated Software Option – per 5 Concurrent Sessions Metric</p> | <p>Product Editions and Permitted Features</p> <p>Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller – Integrated Software Option session capacity <p>This license requires an equal number of ISO session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
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| Product | Subproduct | Licensing Description |
|---------|---|---|
| | | <p>rate limit, re-direct and terminate calls on the network.</p> <p>IPSec – Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media. <i>Prerequisites:</i> SSM3 module (for Acme Packet 4600, 6300, or 6350 platforms only – not required for Acme Packet 1100 or 3900)</p> <p>IPv4 - IPv6 Interworking – Enables IPv4-IPv6 interworking for signaling and media. Pure IPv6 functionality works without the license being present. <i>Exceptions:</i> Not supported on Acme Packet 1100 or 3900 platforms</p> <p>IWF Protocol – Enables Signaling Interworking (such as response to/forward SIP-H.323 signaling messages and set up SIP-H.323 sessions based on system configuration). Allows configuration of IWF-related configuration objects.</p> <p>Load Balancing – Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p>Quality of Service – Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media.</p> <p>Ringback Tone Generation – Allows the Session Border Controller to generate ringback tones locally</p> <p>Routing – Enables configuration and use of routing (local policy) parameters for signaling protocols supported. This includes access to configuration elements such as cost, start and end times, days of week, media profiles, and carrier elements. The following features are included in this license:</p> <ul style="list-style-type: none"> • ENUM Database support • LRT (local route table) <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Oracle Enterprise Session Border Controller – Integrated Software Option session capacity <p>This license requires an equal number of ISO session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | Oracle Enterprise Session Border Controller, Advanced – Network-Wide Concurrent Session Perpetual | <p>Product Editions and Permitted Features</p> <p>Includes the following features:</p> <p>Accounting – Allows Oracle Enterprise Session Border Controller to create call accounting records using Radius or by collecting the information in flat files that can stored</p> |

| Product | Subproduct | Licensing Description |
|---------|----------------------------------|---|
| | | <p>locally or pushed via FTP to an external server.</p> <p>Fraud Protection – Enables the ability to whitelist, blacklist, rate limit, re-direct and terminate calls on the network.</p> <p>IPSec – Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media. <u>Prerequisites:</u> SSM3 module (for Acme Packet 4600, 6300, or 6350 platforms only – not required for Acme Packet 1100 or 3900) <u>Exceptions:</u> Not applicable to VME. Requires separate IPSec license.</p> <p>IPv4 - IPv6 Interworking – Enables IPv4-IPv6 interworking for signaling and media. Pure IPv6 functionality works without the license being present. <u>Exceptions:</u> Not available on Acme Packet 1100 or 3900 platforms</p> <p>IWF Protocol – Enables Signaling Interworking (such as response to/forward SIP-H.323 signaling messages and set up SIP-H.323 sessions based on system configuration). Allows configuration of IWF-related configuration objects.</p> <p>Load Balancing – Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p>Quality of Service – Enables collection and reporting of Quality of Service (QoS) data (lost packets, jitter, and latency) for session media.</p> <p>Ringback Tone Generation – Allows the Session Border Controller to generate ringback tones locally</p> <p>Routing – Enables configuration and use of routing (local policy) parameters for signaling protocols supported. This includes access to configuration elements such as cost, start and end times, days of week, media profiles, and carrier elements. The following features are included in this license:</p> <ul style="list-style-type: none"> • ENUM Database support • LRT (local route table) <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Oracle Enterprise Session Border Controller session capacity <p>This license requires an equal number of session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | Oracle Enterprise Session Border | Product Editions and Permitted Features |

| Product | Subproduct | Licensing Description |
|---------|--|--|
| | Controller, Advanced Media Termination – Integrated Software Option – per 5 Concurrent Sessions Metric | <p>Enables support for handling RTC media, via the following features:</p> <ul style="list-style-type: none"> • RTP / RTCP multiplexing (per RFC 5761) • ICE lite (per RFC 5245) • STUN <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Oracle Enterprise Session Border Controller – Integrated Software Option session capacity <p>This license requires an equal number of ISO session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | Oracle Enterprise Session Border Controller, Advanced Media Termination – Network-Wide Concurrent Session Perpetual | <p>Product Editions and Permitted Features</p> <p>Enables support for handling RTC media, via the following features:</p> <ul style="list-style-type: none"> • RTP / RTCP multiplexing (per RFC 5761) • ICE lite (per RFC 5245) • STUN <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Oracle Enterprise Session Border Controller session capacity <p>This license requires an equal number of session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | Oracle Enterprise Session Border Controller, Advanced Security Suite – Integrated Software Option – per 5 Concurrent Sessions Metric | <p>Product Editions and Permitted Features</p> <p>Combines the Data Integrity and Administrative Security features. Features. An ESBC configured with this license complies with the US government Defense Information Systems Agency JITC specification UCR2013.</p> <p>Admin Security – Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p>FIPS – Strengthens the privacy provided by the ESBC’s cryptographic module to the levels required by the FIPS 140-2 Standards.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Oracle Enterprise Session Border Controller – Integrated Software Option session capacity |

| Product | Subproduct | Licensing Description |
|---------|--|---|
| | | <p>This license requires an equal number of ISO session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | <p>Oracle Enterprise Session Border Controller, Advanced Security Suite – Network-Wide Concurrent Session Perpetual</p> | <p>Product Editions and Permitted Features Combines the Data Integrity and Administrative Security features. Features. An ESBC configured with this license complies with the US government Defense Information Systems Agency JITC specification UCR2013.</p> <p>Admin Security – Enables increased administrative security capabilities of the system for password strength, password usage policies, user roles, and management of administrative users.</p> <p>FIPS – Strengthens the privacy provided by the ESBC’s cryptographic module to the levels required by the FIPS 140-2 Standards.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Oracle Enterprise Session Border Controller session capacity <p>This license requires an equal number of session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | <p>Oracle Enterprise Session Border Controller, Data Integrity – Integrated Software Option – per 5 Concurrent Sessions Metric</p> | <p>Product Editions and Permitted Features Strengthens the privacy provided by the ESBC’s cryptographic module to the levels required by the FIPS 140-2 Standards.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> • Oracle Enterprise Session Border Controller – Integrated Software Option session capacity <p>This license requires an equal number of ISO session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | <p>Oracle Enterprise Session Border Controller, Data Integrity – Network-Wide Concurrent Session Perpetual</p> | <p>Product Editions and Permitted Features Strengthens the privacy provided by the E-SBC’s cryptographic module to the levels required by the FIPS 140-2 Standards.</p> <p>Pre-requisite Products</p> |

| Product | Subproduct | Licensing Description |
|---------|---|---|
| | | <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>This license requires an equal number of session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | <p>Oracle Enterprise Session Border Controller, Hardware-Assisted Transcoding – Network-Wide Concurrent Session Perpetual</p> | <p>Product Editions and Permitted Features Enables the use of 3rd party DSP-based PCIe card for hardware accelerated transcoding in a VME instance.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Supported virtualized platform. Not applicable for Acme Packet 1100, 3900, 4600, 6300, or 6350 platforms. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>This license requires an equal number of session capacity licenses, and the appropriate ISO codec licenses (as required)</p> <p>Entitled Products and Restricted Use Licenses This license is only applicable to VME deployments</p> |
| | <p>Oracle Enterprise Session Border Controller, IPSec Trunking – Network-Wide Concurrent Session Perpetual</p> | <p>Product Editions and Permitted Features Enables the use of the IPSec protocol for protecting signaling and media.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Supported virtualized platform. Not applicable for Acme Packet 1100, 3900, 4600, 6300, or 6350 platforms. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>This license requires an equal number of session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses This license is only applicable to VME deployments</p> |
| | <p>Oracle Enterprise Session Border Controller, REST API for 3rd Party Use –</p> | <p>Product Editions and Permitted Features Enables automated management of the SBC from 3rd party (i.e. non Oracle) applications and services.</p> |

| Product | Subproduct | Licensing Description |
|---------|---|---|
| | Integrated Software Option – per 5 Concurrent Sessions Metric | <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller – Integrated Software Option session capacity <p>This license requires an equal number of ISO session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | Oracle Enterprise Session Border Controller, REST API for 3 rd Party Use – Network-Wide Concurrent Session Perpetual | <p>Product Editions and Permitted Features Enables automated management of the SBC from 3rd party (i.e. non Oracle) applications and services.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>This license requires an equal number of session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | Oracle Enterprise Session Border Controller, Secure Real-time Transport Protocol (SRTP) – Network-Wide Concurrent Session Perpetual | <p>Product Editions and Permitted Features Enables the use of SRTP (SDES) for encryption of media</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Supported virtualized platform. Not applicable for Acme Packet 1100, 3900, 4600, 6300, or 6350 platforms. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>This license requires an equal number of session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses This license is only applicable to VME deployments</p> |
| | Oracle Enterprise Session Border Controller, Transport Layer Security (TLS) – Network-Wide Concurrent Session Perpetual | <p>Product Editions and Permitted Features Enables the use of TLS for encryption of SIP signaling</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Supported virtualized platform. Not applicable for Acme Packet 1100, 3900, 4600, 6300, or 6350 platforms. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session |

| Product | Subproduct | Licensing Description |
|--|--|---|
| | | <p>capacity</p> <p>This license requires an equal number of session capacity licenses.</p> <p>Entitled Products and Restricted Use Licenses</p> <p>This license is only applicable to VME deployments</p> |
| Session Based Licenses (orderable independent of session capacity licenses) | | |
| | <p>Oracle Enterprise Session Border Controller, MSRP B2BUA – Integrated Software Option – per 5 Concurrent Sessions Metric</p> | <p>Product Editions and Permitted Features</p> <p>Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller – Integrated Software Option session capacity <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| | <p>Oracle Enterprise Session Border Controller, MSRP B2BUA – Network-Wide Concurrent Session Perpetual</p> | <p>Product Editions and Permitted Features</p> <p>Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| Codec Licenses | | |
| | <p>Transcoding coder/decoder for transcoding module 2, AMR-NB – per 25 Concurrent Sessions Metric</p> | <p>Product Editions and Permitted Features</p> <p>AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Acme Packet 1100, 3900, 4600, 6300, or 6350 with transcoding module(s). Not available on ESBC VME. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |

| Product | Subproduct | Licensing Description |
|---------|---|--|
| | Transcoding coder/decoder for Enterprise, AMR-NB – 25 Concurrent Sessions Perpetual | <p>Product Editions and Permitted Features</p> <p>AMR-NB license is required in order to enable support for software transcoding to and from AMR-NB codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Supported virtualized platform. Not available on Acme Packet 1100, 3900, 4600, 6300, and 6350 platforms. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| | Transcoding coder/decoder for Oracle Enterprise Session Border Controller, AMR-NB - Integrated Software Option – per 5 Concurrent Sessions Metric | <p>Product Editions and Permitted Features</p> <p>AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Acme Packet 1100, 3900, 4600, 6300, or 6350 with transcoding module(s). Not available on ESBC VME. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| | Transcoding coder/decoder for Oracle Enterprise Session Border Controller, AMR-NB - Network-Wide Concurrent Session Perpetual | <p>Product Editions and Permitted Features</p> <p>AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| | Transcoding | <p>Product Editions and Permitted Features</p> |

| Product | Subproduct | Licensing Description |
|---------|---|---|
| | coder/decoder for transcoding module 2, AMR-WB (G.722.2) – per 25 Concurrent Sessions Metric | <p>AMR-WB royalty license is required to enable support for transcoding to and from the AMR-WB codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Acme Packet 1100, 3900, 4600, 6300, or 6350 with transcoding module(s). Not available on ESBC VME. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | Transcoding coder/decoder for Enterprise, AMR-WB (G.722.2) – 25 Concurrent Sessions Perpetual | <p>Product Editions and Permitted Features</p> <p>AMR-WB license is required in order to enable support for software transcoding to and from AMR-WB codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Supported virtualized platform. Not available on Acme Packet 1100, 3900, 4600, 6300, and 6350 platforms. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | Transcoding coder/decoder for Oracle Enterprise Session Border Controller, AMR-WB (G.722.2) - Integrated Software Option – per 5 Concurrent Sessions Metric | <p>Product Editions and Permitted Features</p> <p>AMR-WB royalty license is required in order to enable support for transcoding to and from AMR-WB codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Acme Packet 1100, 3900, 4600, 6300, or 6350 with transcoding module(s). Not available on ESBC VME. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |

| Product | Subproduct | Licensing Description |
|---------|---|---|
| | Transcoding coder/decoder for Oracle Enterprise Session Border Controller, AMR-WB (G.722.2) - Network-Wide Concurrent Session Perpetual | <p>Product Editions and Permitted Features</p> <p>AMR-WB royalty license is required in order to enable support for transcoding to and from AMR-WB codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| | Transcoding coder/decoder for transcoding module 2, EVRC – per 25 Concurrent Sessions Metric | <p>Product Editions and Permitted Features</p> <p>Required in order to enable support for transcoding to and from EVRC codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Acme Packet 1100, 3900, 4600, 6300, or 6350 with transcoding module(s). Not available on ESBC VME. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| | Transcoding coder/decoder transcoding module 2, EVRCB – per 25 Concurrent Sessions Metric | <p>Product Editions and Permitted Features</p> <p>Required in order to enable support for transcoding to and from EVRC-B codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Acme Packet 1100, 3900, 4600, 6300, or 6350 with transcoding module(s). Not available on ESBC VME. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| | Transcoding coder/decoder for | <p>Product Editions and Permitted Features</p> |

| Product | Subproduct | Licensing Description |
|---------|---|--|
| | transcoding module 2, Opus – Integrated Software Option – per Concurrent Session Metric | <p>Opus royalty license is required in order to enable support for transcoding to and from Opus codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Acme Packet 1100, 3900, 4600, 6300, or 6350 with transcoding module(s). Not available on ESBC VME. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | Transcoding coder/decoder for Enterprise, Opus – 25 Concurrent Sessions Perpetual | <p>Product Editions and Permitted Features</p> <p>Opus royalty license is required in order to enable support for transcoding to and from Opus codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Supported virtualized platform. Not available on Acme Packet 1100, 3900, 4600, 6300, and 6350 platforms. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | Transcoding coder/decoder for Oracle Enterprise Session Border Controller, Opus - Integrated Software Option – per 5 Concurrent Sessions Metric | <p>Product Editions and Permitted Features</p> <p>Opus royalty license is required in order to enable support for transcoding to and from Opus codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Acme Packet 1100, 3900, 4600, 6300, or 6350 with transcoding module(s). Not available on ESBC VME. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |

| Product | Subproduct | Licensing Description |
|---------|---|---|
| | Transcoding coder/decoder for Oracle Enterprise Session Border Controller, Opus - Network-Wide Concurrent Session Perpetual | <p>Product Editions and Permitted Features</p> <p>Opus royalty license is required in order to enable support for transcoding to and from Opus codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| | Transcoding coder/decoder for transcoding module 2, SILK – Integrated Software Option – per Concurrent Session Metric | <p>Product Editions and Permitted Features</p> <p>SILK royalty license is required in order to enable support for transcoding to and from SILK codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Acme Packet 1100, 3900, 4600, 6300, or 6350 with transcoding module(s). Not available on ESBC VME. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| | Transcoding coder/decoder for Enterprise, SILK – 25 Concurrent Sessions Perpetual | <p>Product Editions and Permitted Features</p> <p>SILK royalty license is required in order to enable support for transcoding to and from SILK codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Supported virtualized platform. Not available on Acme Packet 1100, 3900, 4600, 6300, and 6350 platforms. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses</p> <p>N/A</p> |
| | Transcoding coder/decoder for | <p>Product Editions and Permitted Features</p> |

| Product | Subproduct | Licensing Description |
|---------|---|--|
| | Oracle Enterprise Session Border Controller, SILK - Integrated Software Option – per 5 Concurrent Sessions Metric | <p>SILK royalty license is required in order to enable support for transcoding to and from SILK codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Acme Packet 1100, 3900, 4600, 6300, or 6350 with transcoding module(s). Not available on ESBC VME. <p>AND</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |
| | Transcoding coder/decoder for Oracle Enterprise Session Border Controller, SILK - Network-Wide Concurrent Session Perpetual | <p>Product Editions and Permitted Features</p> <p>SILK royalty license is required in order to enable support for transcoding to and from SILK codec.</p> <p>Pre-requisite Products</p> <ul style="list-style-type: none"> Oracle Enterprise Session Border Controller session capacity <p>Requires an equal or greater number of session capacity licenses</p> <p>Entitled Products and Restricted Use Licenses N/A</p> |

Third-Party Commercial and Open Source Software

Commercial Software

Commercial software used in Oracle Enterprise Session Border Controller – S-CZ8.4.0 is identified in the following table with the following license notes, restrictions, and disclaimers.

| Vendor | Product(s) and Version(s) | Licensing Description/Disclaimer |
|-------------------|--|--|
| Cavium | u-boot – 1.1.1 | GPL 2.0 - See APPENDIX B |
| Icon Laboratories | Envoy SNMP – 3.6 | Used under license from Icon Laboratories, All Rights Reserved. |
| Mocana | NanoSec Standard and Advanced – 5.1.1 | Used under license from Mocana, All Rights Reserved |
| | Embedded IKE – 5.1.1 | Used under license from Mocana. All Rights Reserved. |
| | Embedded SSL Server – 5.1.1 | Used under license from Mocana. All Rights Reserved. |
| | bitstring.h (4 th party of Mocana) | <p>Copyright (c) 1989, 1993 The Regents of the University of California. All rights reserved.</p> <p>This code is derived from software contributed to Berkeley by Paul Vixie.</p> <p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p> <ol style="list-style-type: none"> 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. 3. [Clause 3 is deleted in its entirety per ftp://ftp.cs.berkeley.edu/pub/4bsd/README.Impt.License.Change] 4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. <p>THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT</p> |

| Vendor | Product(s) and Version(s) | Licensing Description/Disclaimer |
|---------------|--|---|
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| | ARTP/RTCP | Used under license from Radvision, All Rights Reserved |
| | ASN.1 Compiler Add-On for H.323 for Windows | Used under license from Radvision, All Rights Reserved |
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| | | <p>help with target configuration</p> <p>15. [16]Sven Dietrich <sven_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.</p> <p>16. [17]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port</p> <p>17. [18]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port</p> <p>18. [19]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119</p> <p>19. [20]John Hay <jhay@icomtek.csir.co.za> IPv6 support and testing</p> <p>20. [21]Dave Hart <davehart@davehart.com> General maintenance, Windows port interpolation rewrite</p> <p>21. [22]Claas Hilbrecht <neoclock4x@linum.com> NeoClock4X clock driver</p> <p>22. [23]Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver</p> <p>23. [24]Mike Iglesias <iglesias@uci.edu> DEC Alpha port</p> <p>24. [25]Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port</p> <p>25. [26]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul</p> <p>26. [27]Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or [28]<H.Lambermont@chello.nl> ntpsweep</p> <p>27. [29]Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)</p> <p>28. [30]Frank Kardel [31]<kardel (at) ntp (dot) org> PARSE <GENERIC> driver (>14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling</p> <p>29. [32]William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications</p> <p>30. [33]Dave Katz <dkatz@cisco.com> RS/6000 AIX port</p> <p>31. [34]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver</p> <p>32. [35]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port</p> <p>33. [36]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication</p> <p>34. [37]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305</p> <p>35. [38]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance</p> <p>36. [39]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers:</p> |

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| | | <p>Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG</p> <p>37. [40]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port 38. [41]Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility 39. [42]Tom Moore <tmoore@fiel.daytonoh.ncr.com> i386 svr4 port 40. [43]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port 41. [44]Derek Mulcahy <derek@toybox.demon.co.uk> and [45]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver 42. [46]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance 43. [47]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling 44. [48]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port 45. [49]Wilfredo Sánchez <wsanchez@apple.com> added support for NetInfo 46. [50]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules 47. [51]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory 48. [52]Ray Schnitzler <schnitz@unipress.com> Unixware1 port 49. [53]Michael Shields <shields@tembel.org> USNO clock driver 50. [54]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver 51. [55]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog) 52. [56]Kenneth Stone <ken@sdd.hp.com> HP-UX port 53. [57]Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support 54. [58]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver 55. [59]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver 56. [60]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD</p> <hr/> <p>References</p> <ol style="list-style-type: none"> 1. mailto:%20takao_abe@xurb.jp 2. mailto:%20mark_andrews@isc.org |

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|----------------|---------------------------|---|------------|---------------------|------|-------|---------------------|----------------|--|-----------|-----|-----|----------------|-----|-----------|------|-----|-----|-------|------|------|----|-----|-----|------|------------|----|-------|-----|------|------|---------|-----|-----------|------|-----|----|-------|-----------|------|-----|-----|-------|-----------|------|-----|-----|-----|-------|------|-----|-----|-------|-------|------|-----|-----|-------|-------|------|-----|-----|-------|-----|------|-----|-----|-------|-------|------|-----|-----|-------|-------|------|-----|-----|
| | | <p>In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.</p> <p>In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.</p> <p>All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.</p> <table border="1" data-bbox="735 1182 1149 1873"> <thead> <tr> <th>Release</th> <th>Derived from</th> <th>Year</th> <th>Owner</th> <th>GPL-compatible? (1)</th> </tr> </thead> <tbody> <tr> <td>0.9.0 thru 1.2</td> <td></td> <td>1991-1995</td> <td>CWI</td> <td>yes</td> </tr> <tr> <td>1.3 thru 1.5.2</td> <td>1.2</td> <td>1995-1999</td> <td>CNRI</td> <td>yes</td> </tr> <tr> <td>1.6</td> <td>1.5.2</td> <td>2000</td> <td>CNRI</td> <td>no</td> </tr> <tr> <td>2.0</td> <td>1.6</td> <td>2000</td> <td>BeOpen.com</td> <td>no</td> </tr> <tr> <td>1.6.1</td> <td>1.6</td> <td>2001</td> <td>CNRI</td> <td>yes (2)</td> </tr> <tr> <td>2.1</td> <td>2.0+1.6.1</td> <td>2001</td> <td>PSF</td> <td>no</td> </tr> <tr> <td>2.0.1</td> <td>2.0+1.6.1</td> <td>2001</td> <td>PSF</td> <td>yes</td> </tr> <tr> <td>2.1.1</td> <td>2.1+2.0.1</td> <td>2001</td> <td>PSF</td> <td>yes</td> </tr> <tr> <td>2.2</td> <td>2.1.1</td> <td>2001</td> <td>PSF</td> <td>yes</td> </tr> <tr> <td>2.1.2</td> <td>2.1.1</td> <td>2002</td> <td>PSF</td> <td>yes</td> </tr> <tr> <td>2.1.3</td> <td>2.1.2</td> <td>2002</td> <td>PSF</td> <td>yes</td> </tr> <tr> <td>2.2.1</td> <td>2.2</td> <td>2002</td> <td>PSF</td> <td>yes</td> </tr> <tr> <td>2.2.2</td> <td>2.2.1</td> <td>2002</td> <td>PSF</td> <td>yes</td> </tr> <tr> <td>2.2.3</td> <td>2.2.2</td> <td>2003</td> <td>PSF</td> <td>yes</td> </tr> </tbody> </table> | Release | Derived from | Year | Owner | GPL-compatible? (1) | 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes | 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes | 1.6 | 1.5.2 | 2000 | CNRI | no | 2.0 | 1.6 | 2000 | BeOpen.com | no | 1.6.1 | 1.6 | 2001 | CNRI | yes (2) | 2.1 | 2.0+1.6.1 | 2001 | PSF | no | 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes | 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes | 2.2 | 2.1.1 | 2001 | PSF | yes | 2.1.2 | 2.1.1 | 2002 | PSF | yes | 2.1.3 | 2.1.2 | 2002 | PSF | yes | 2.2.1 | 2.2 | 2002 | PSF | yes | 2.2.2 | 2.2.1 | 2002 | PSF | yes | 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| Release | Derived from | Year | Owner | GPL-compatible? (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.6 | 1.5.2 | 2000 | CNRI | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.0 | 1.6 | 2000 | BeOpen.com | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.2 | 2.1.1 | 2001 | PSF | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.2.1 | 2.2 | 2002 | PSF | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | <p>2.3 2.2.2 2002-2003 PSF yes</p> <p>2.3.1 2.3 2002-2003 PSF yes</p> <p>2.3.2 2.3.1 2002-2003 PSF yes</p> <p>2.3.3 2.3.2 2002-2003 PSF yes</p> <p>2.3.4 2.3.3 2004 PSF yes</p> <p>2.3.5 2.3.4 2005 PSF yes</p> <p>2.4 2.3 2004 PSF yes</p> <p>2.4.1 2.4 2005 PSF yes</p> <p>2.4.2 2.4.1 2005 PSF yes</p> <p>2.4.3 2.4.2 2006 PSF yes</p> <p>2.5 2.4 2006 PSF yes</p> <p>2.7 2.6 2010 PSF yes</p> <p>Footnotes:</p> <p>(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.</p> <p>(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.</p> <p>Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.</p> <p>B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON</p> <p>=====</p> <p>PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2</p> <p>-----</p> <p>1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.</p> <p>2. Subject to the terms and conditions of this License Agreement, PSF</p> |

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Version 3, 29 June 2007

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