

NCP Local License Server (Win32/64)

Service Release: 1.00 build 014
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1. Features List

Operating System

The Local License Server can be installed under any of the following operating systems:

Microsoft Windows (32 & 64 bit):	Windows 7, Windows Vista, Windows XP
Microsoft Windows (32 & 64 bit) Server:	Windows 2003 R2 32-Bit, Windows 2008 SP2 32/64-Bit, Windows 2008 R2 SP1 64-Bit

LLS Administrative Interface and Web Browsers

The Local License Server's administrative interface is accessed via a web browser hosted either locally or on a remote machine. The communication, if required, is encrypted (using an SSL connection) and access is secured by a password.

The following web browsers are supported:

Windows Internet Explorer V. 8.0 or newer,
Mozilla Firefox V. 5.0 or newer

Central Management

The Local License Server (LLS) facilitates the central management and distribution of a large number licenses to an equally large number of clients inside a corporate network with NCP Secure Client – Juniper Edition from version 9.30.

HTTPS Communication between LLS and NCP Activation Server

License information is distributed from NCP via the NCP Activation Server to the LLS, and the LLS establishes a Secure Socket Layer (SSL) Virtual Private Network (VPN) connection to guarantee secure communication with the NCP Activation Server. An HTTPS proxy can be defined in order to overcome any potential customer firewall security restrictions.

Bundled Licensing

The required number of licenses to be managed by the LLS are made available on the NCP Activation Server. Using a Bundle ID and a Bundle Key, distributed to the customer either by post or in electronic form, licensing information is retrieved from the Activation Server and a single Initialization File is produced at the LLS. This file is then be used in the licensing process of each of those Clients the customer chooses to associate with that Bundle ID.

Secure Licensing using the Corporate IPsec VPN

The Initialization File is used during client installation and licensing in one of two ways:

- manually - sent (e.g. via USB stick or e-mail) to the corresponding Client machines for manual selection by the user during the manually initiated Client activation process, or
- automatically - written to the Client software installation directory for automatic selection during the automatically initiated Client activation process.

In both cases, the contents of the Initialization File are used to control the exchange of licensing information between the Client and the LLS.

All licensing information specific to each Client is exchanged with the LLS via an automatically established IPsec VPN connection. This VPN must be available before and during operation of an LLS based licensing system, and the mandatory coupling of the LLS to the corporate VPN ensures the licensing information is protected against manipulation, eavesdropping and theft.

Any previously started test period of the associated Secure Client is ended once licensing of that Client is successfully completed.

License Allocation via the Web Interface

Each license in a bundle has its own serial number, enabling each Client (referenced by its hostname) to be bound uniquely to a license. This in turn prohibits the simultaneous, multiple use of a license. The administrative interface provides an overview of serial number, Bundle ID, product description, product version and hostname of the Client machine. Using simple mouse clicks the administrator can get an overview of the licenses in the license pool that are still unbound or that are in use, together with the date and time of the last connection between a Client and the LLS.

Re-assigning (Unbinding and Binding) a License

If an employee, for whatever reason, no longer requires the license for his/her Client machine, the LLS administrator can search for the license (by either serial number or Client hostname), select it and return it to the free-license pool with a simple mouse click (Unbind License).

After distributing the Initialization File (using the customer specific procedure, see "Secure Licensing using the Corporate IPsec VPN" above) to another Client machine, the user of that machine can then license his/her Client software using the license just returned to the free-license pool.

Software Update and License Update

On inputting Bundle ID and Bundle Key (provided by NCP in the same way as the first bundle) for each product software-update to be licensed, the latest licenses from the customer's software-update license package are downloaded from the NCP Activation Server to the LLS. A new Initialization File is generated in the process which is then used for Client licensing by either of the two mechanisms described in above.

At the LLS administrative interface, serial number with hostname shows the currently used license; the same serial number without hostname shows the license for a specific product version previously used on this machine after the new Initialization File (License Update) for a software-update of this product has been distributed.

2. Known Issues

None

3. Getting Help for the NCP Local License Server (Win32/64)

For further assistance with the NCP Local License Server visit:

<http://www.ncp-e.com/en/downloads.html>

For further assistance with questions about NCP Secure products, visit:

<http://www.ncp-e.com/en/about-us/contact.html>

<mailto:helpdesk@ncp-e.com?subject=A: NCP Secure Products - Helpdesk message>

Release Notes

