



# Right to Use (RTU) Licenses

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## Right to Use Licenses

The introduction of right-to-use (RTU) licensing allows you to order and activate a specific license type and level via command line. Uploading an extra license file is no longer necessary.

LanBase images provide basic Layer2 functionality, including:

- QOS
- Port-Security
- 1588 PTP
- EtherNet/IP
- Profinet

IPService: L3 routing features:

- RIP
- OSPF
- ISIS BGP
- Policy-based routing
- IPV6

## Defaults

The default license is a **lanbase RTU permanent license**.

## Configuring RTU Licenses

To configure RTU Licenses, follow these guidelines.

## Displaying License Information

To determine which license is running on your device, do the following:

- Enter the **show version** privileged EXEC command. The first line of output indicates the image, such as LANBASE.
- Enter the **show license** privileged EXEC command, to see which is the active image:

```
Switch# show license
IE5000#license right-to-use activate ipservice acceptEULA (End User License Agreement)
```

### Right to Use Licenses

```
ipservices IPServices License Level
lanbase LanBase License Level
2. Evaluation license:
ie5k-2(config)#license boot level ipservices / or lanbase
Show version:
License Level: ipservices
License Type: Permanent Right-To-Use
Next reload license Level: ipservices
```

```
ie5k-2#sh license
Index 1 Feature: ipservices
Period left: Life time
License Type: PermanentRightToUse
License State: Active, In Use
License Priority: High
License Count: Non-Counted
```

### ipservices license

To migrate to an ipservices license, use the following procedures.

```
ExampleMigrating from a lanbase RTU license to an ipservices Evaluation license
Switch# config term
ie5k-2(config)# license boot level ipservices
                        ie5k-2(config)# End
ie5k-2# Write
ie5k-2# reload
```

On the next reload, the ipservices Eval license will display **active** and **in-use**, and the lanbase RTU will display **active** and **not-in-use**.

```
ExampleMigrating from a lanbase RTU license or an ipservices Evaluation license to an ipservices RTU
license
ie5k-2(config)# License right-to-use activate ipservices [acceptEULA]
ie5k-2(config)#license boot level ipservice
ie5k-2(config)# end
ie5k-2# write
ie5k-2# reload
```

ExampleTransferring an ipservices RTU license to another device

To stop using the ipservices RTU on this box, and start re-using it on another box (where it needs to be explicitly activated), the following sequence should be used:

```
ie5k-2(config)# License right-to-use deactivate ipservices
ie5k-2(config)# no license boot level ipservice
ie5k-2(config)# end
ie5k-2# write
ie5k-2# reload
```

This will revert the current box to the default lanbase permanent license, from which the license can be transitioned to any of the above listed states. The ipservices RTU license will now show as **inactive** and **not-in-use** after the next reload.