



License Verification

This chapter provides information about verifying the Cisco IOS license level and viewing the appliance license.

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Viewing the Cisco IOS License Level

Use the **show version** command to determine the Cisco IOS license level in the appliance. For example:

```
Device# show version
```

```
.  
. .  
. .
```

License Level: adventerprise

License Type: RightToUse

Next reload license Level: adventerprise

```
.
```

Table 1: show version Command Output Description

Field Name	Description
License Level: adventerprise	Indicates the current Cisco IOS license code level.
License Type: RightToUse	Indicates whether you are utilizing a permanent (purchased) license, an evaluation 60-day license, or a Right-to-Use license that would indicate that the purchase of a license is required.
Next reload license Level: adventerprise	Indicates the startup configuration definition that will be used for the next reload instance.

Use the **show running-config** command or the **show startup-config** command to view the license-level information. The following example displays sample output from the **show running-config** command:

```
Device# show running-config
```

```
.
.
.
```

```
license boot level adventerprise
```

```
.
.
```

Table 2: show running-config Command Output Description

Field Name	Description
license boot level adventerprise	Indicates the current requested Cisco IOS license level to boot.

Viewing License Information

Use the **show license udi** command to determine the Universal Device Identifier (UDI) information of your chassis. This may be required at the time of purchasing a new license. The following example displays sample output from the **show license udi** command:

```
Device# show license udi
```

```
UDI: PID:DN-APL-TTA-M,SN:JAE1719030L
```

```
Device# show license summary
```

```
Smart Licensing is ENABLED
License Reservation is ENABLED
```

```
Registration:
```

```
Status: REGISTERED - SPECIFIC LICENSE RESERVATION
Export-Controlled Functionality: ALLOWED
```

```
License Authorization:
```

```
Status: AUTHORIZED - RESERVED
```

```
License Usage:
```

```
License                Entitlement tag                Count Status
-----
Cisco_DNA_TTA_Advantage (DNA_TTA_A)                1 AUTHORIZED
```