How to Install the Authorization Code on a Device

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Introduction

This article describes the process of installing the authorization code on a device.

Prerequisites

Requirements

Before you start, ensure that you:

- Generated the authorization code in Cisco Smart Software Manager (CSSM) (To generate the authorization code in CSSM, refer to How to Reserve Licenses (SLR).).
- Placed the file with the authorization code to the local file system of the device or on an FTP server.

Components Used

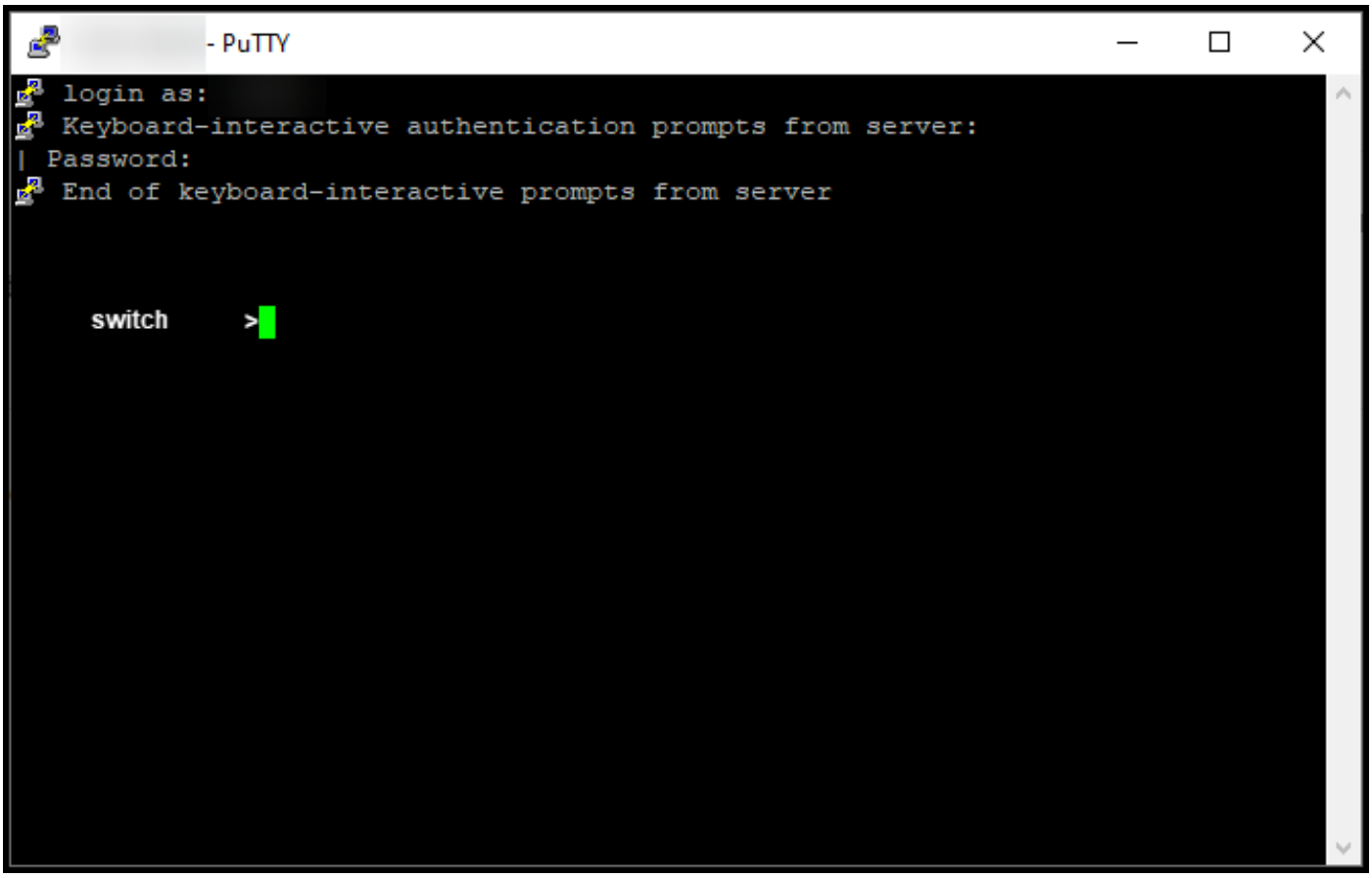
The information in this document was created from Catalyst 9300 with IOS version 16.12.05b in a specific lab environment. If your network is live, ensure that you understand the potential impact of any command.

Installing the Authorization Code on a Device

Step 1:

Log in to the internetwork operating system (IOS) of the device with the login and password by using one of the clients or console.

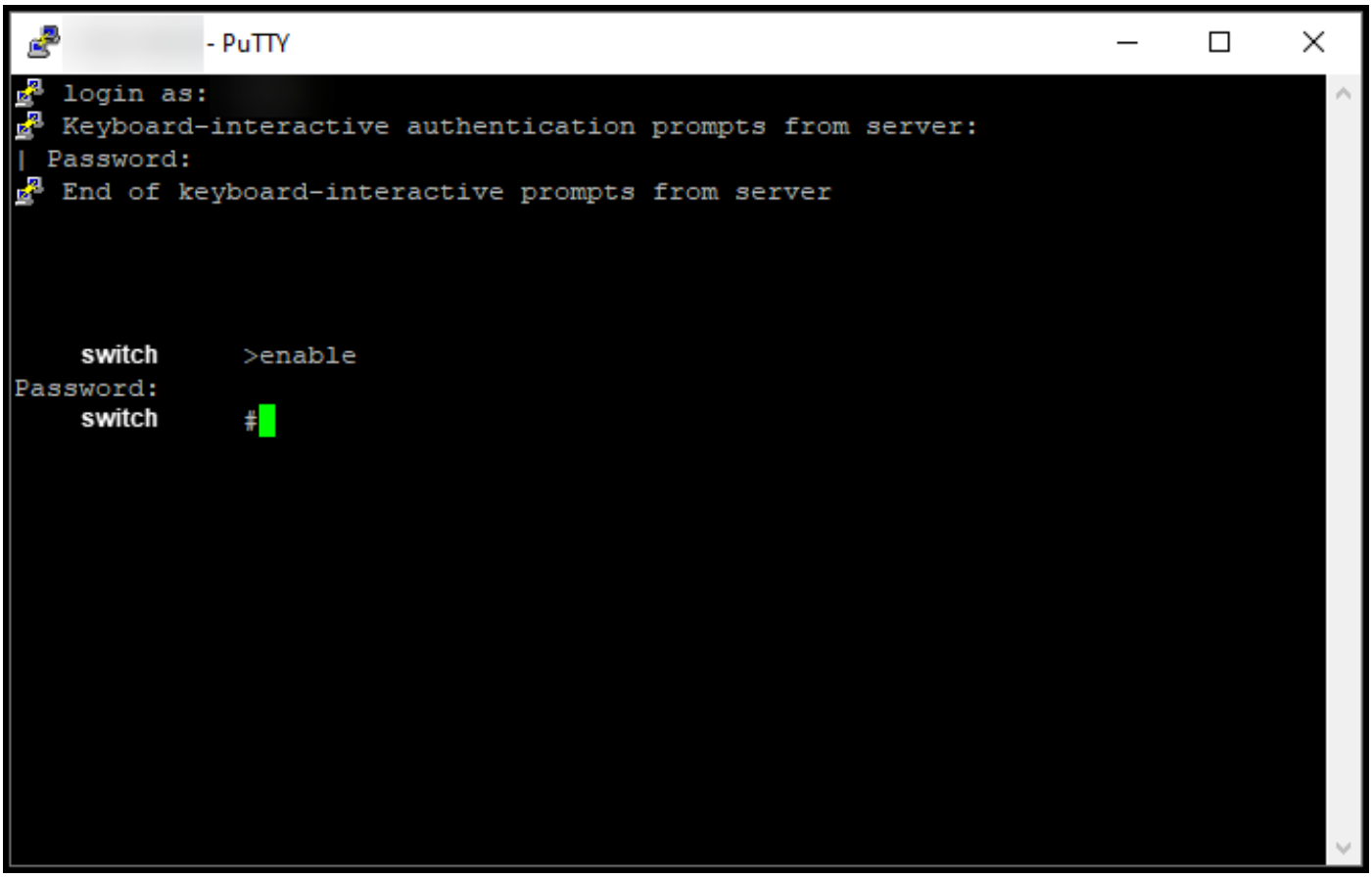
Step result: You enter the user EXEC mode.



Step 2:

Enter the **enable** command in the command line, and then type the password to access the privileged EXEC mode.

Step result: You enter the privileged EXEC mode.

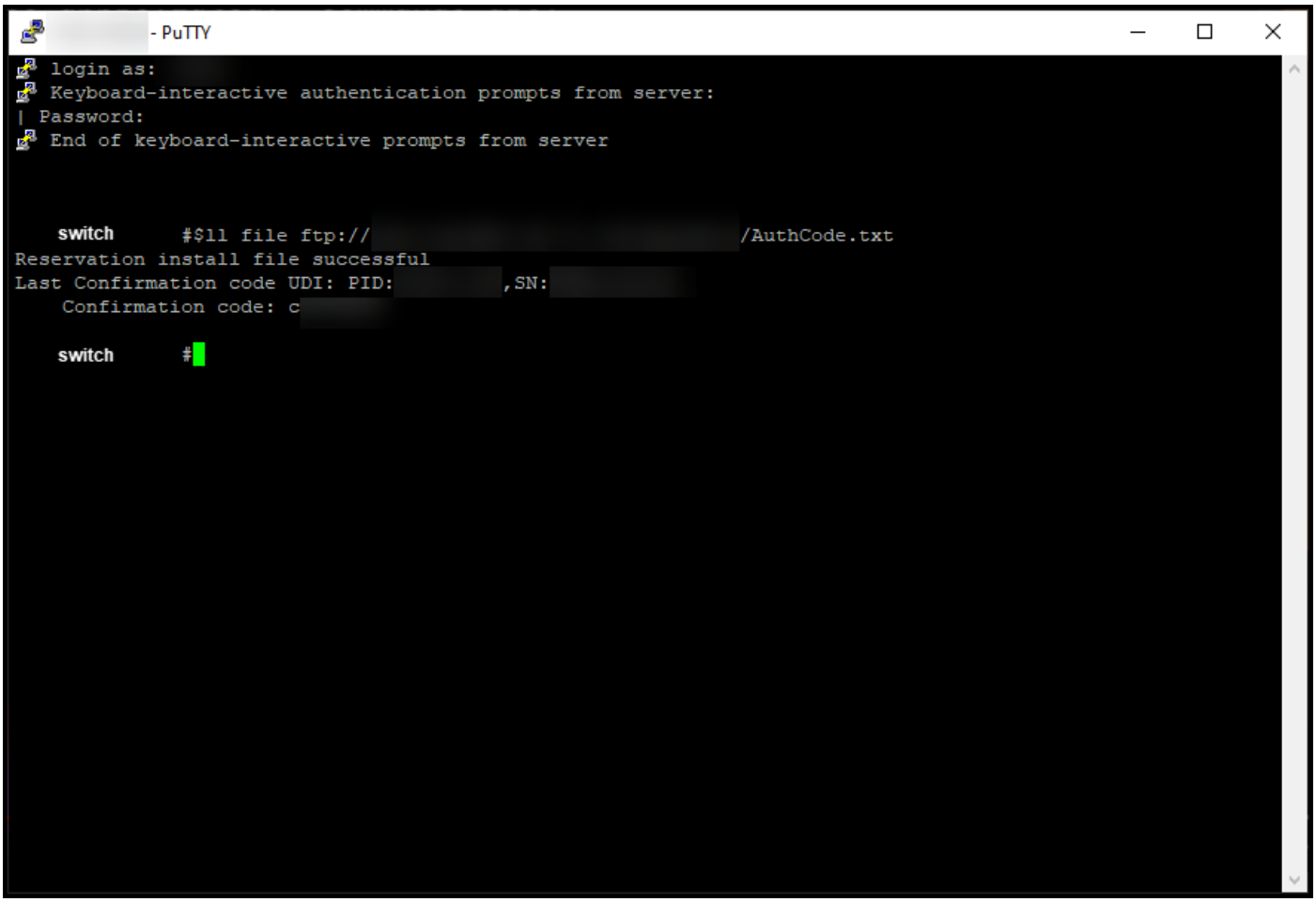


Step 3:

In the privileged EXEC mode, enter the **license smart reservation install file {flash:filename | tftp://filepath}** command.

Step result: The system displays the **reservation install file successful** output. Now the product instance of your device does not synchronize with the CSSM, and so the product instance does not share the license usage information with CSSM either.

Note: If the system displays the **reservation install file failed** output, verify that you placed the file with the authorization code to the local file system of the device or that you provided a network-accessible path for the device to download the file with the authorization code.



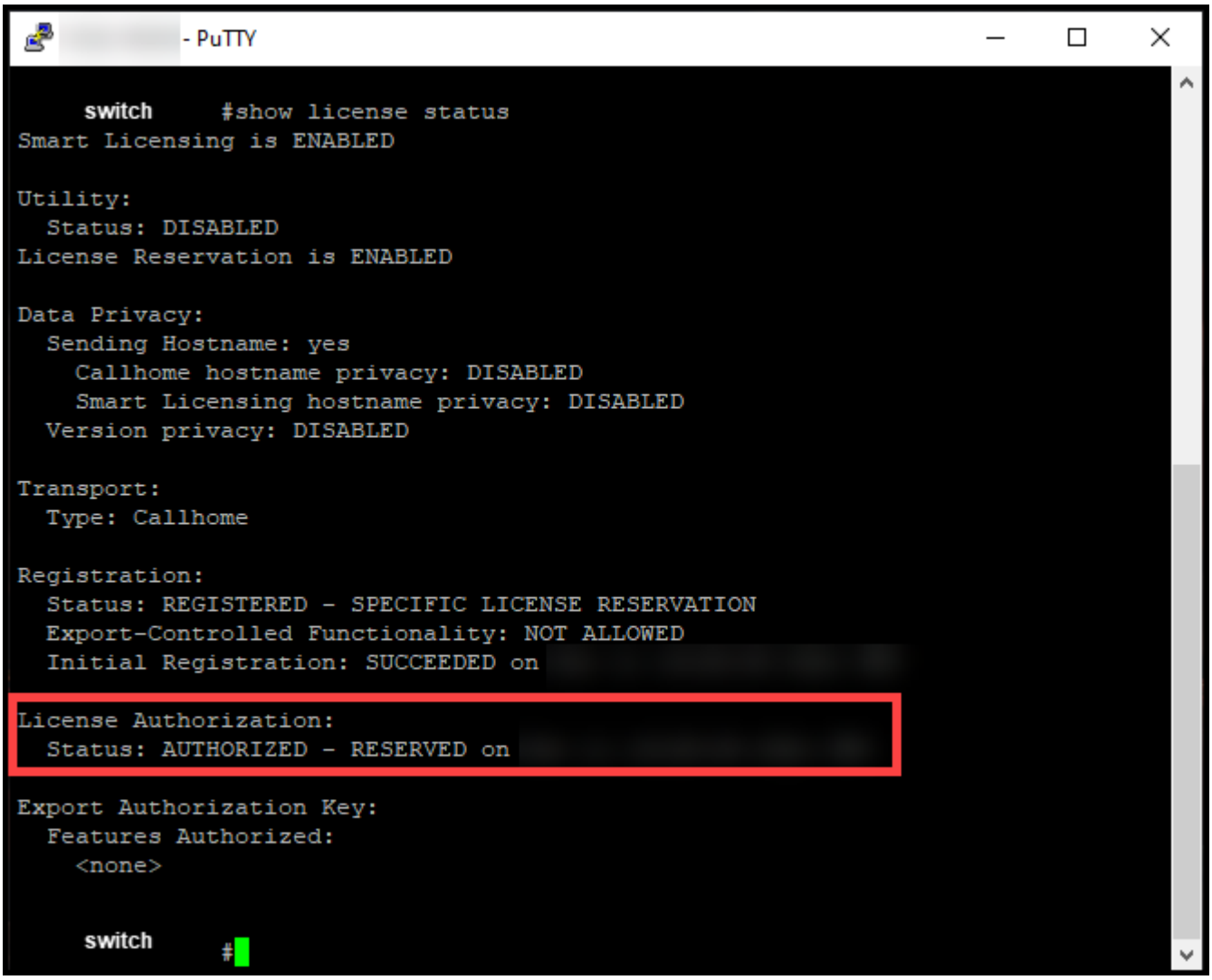
Verify

Use this section to confirm that you properly installed the authorization code on a device.

Option 1:

Verification Step: In the privileged EXEC mode, enter the **show license status** command.

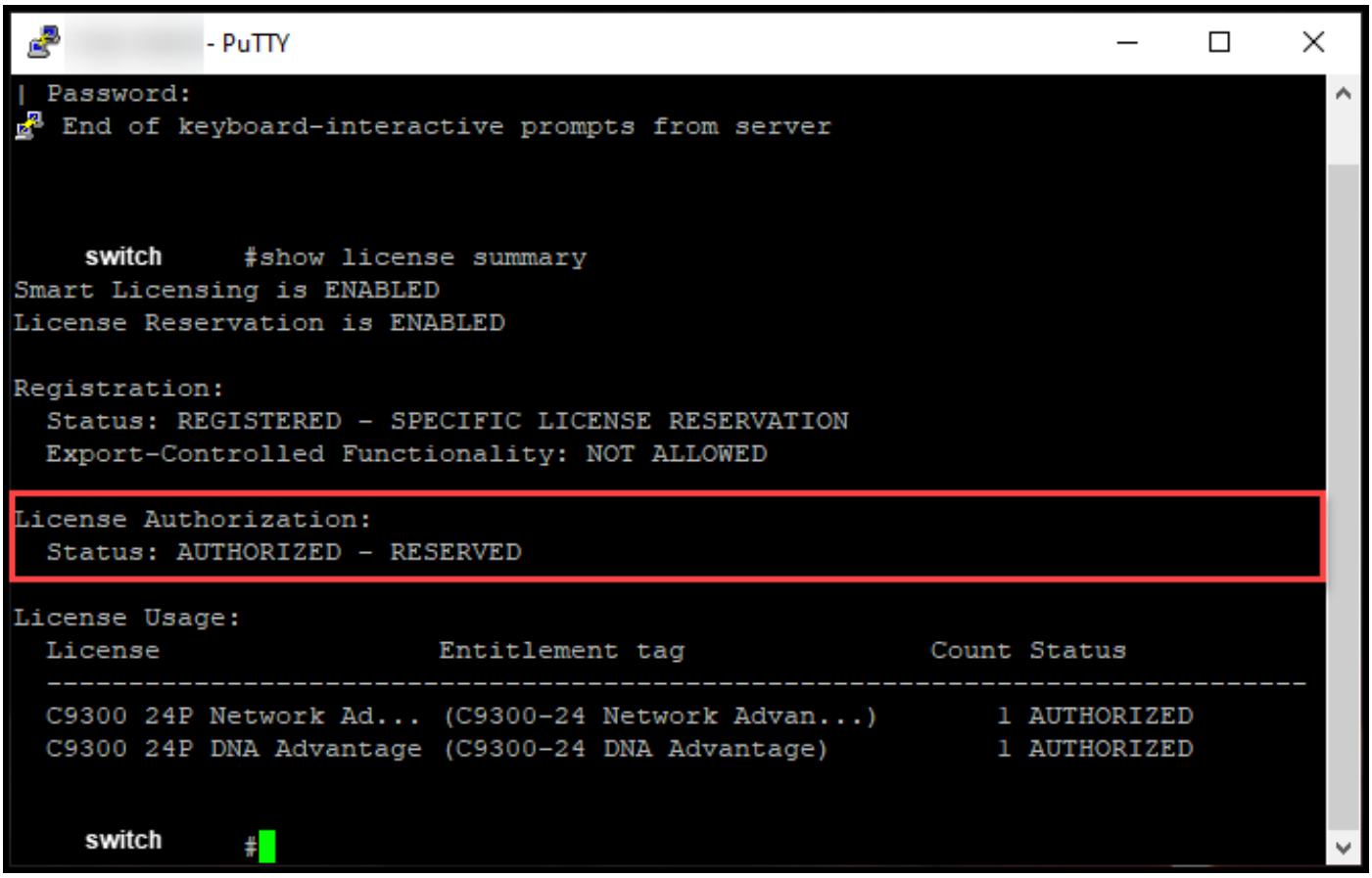
Step result: The system displays the status of the **License Authorization** as ***AUTHORIZED - RESERVED [date]***.



Option 2:

Verification Step: In the privileged EXEC mode, enter the **show license summary** command.

Step result: The system displays the status of the **License Authorization** as ***AUTHORIZED - RESERVED***.



Troubleshooting

If you experience an issue during the process of installing the authorization code on a device, open a case in[Support Case Manager (SCM)](#).

Related Information

[How to Enable Factory Preinstalled SLR on a Smart Account](#)

[How to Identify That the Smart Account Is Enabled for SLR](#)

[How to Identify Products That Support SLR](#)

[How to Obtain the Reservation Request Code](#)

[How to Reserve Licenses (SLR)](#)

[How to Update the License Reservation (SLR)](#)

[How to Transfer a Product Instance (SLR)](#)

[How to Transfer Licenses Between Virtual Accounts (SLR)](#)

[How to Rehost Licenses from a Failed Product (SLR)](#)

[How to Obtain the Reservation Return Code](#)

[How to Remove a Product Instance (SLR)](#)