

Getting Started

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Information Gathering

Step 1: Find the required installation information.

For information required for an install see: [Swivel Install Information Notes for Engineers](#) and [PINsafe Configuration Best Practices](#)

Deployment Considerations

Step 2: Find where you want to deploy Swivel

Swivel is usually deployed in the DMZ as the Single Channel graphical image, Dual Channel Confirmation, Security String Index number, and mobile phone applications are requested from the client to the Swivel server (although usually proxied). For further information see [Swivel Deployment](#)

What resilience is required. High availability within one location will normally require an *Active/Active Pair*. High availability between sites will require a *DR* (Disaster Recovery) deployment.

What Swivel features will you be using, see [Transports How To Guide](#)

Swivel Installation Options

Step 3: Select, rack/download and install the platform

Swivel has a variety of deployment options, to view these and information on Virtual installation and basic configuration, select the preferred option:

- [Virtual Appliance](#) Why choose a Virtual Appliance see [VM advantages and disadvantages](#)
- [Hardware Appliance](#) Why choose a Hardware Appliance see [Hardware advantages and disadvantages](#)

Configuring the Appliance/OS

Step 4: Configure the Swivel server

Note: The Swivel appliance may not ship with the latest OS and Swivel version and it is recommended that Swivel is updated to the latest version first, see [Downloads](#)

When the Virtual Appliance, Hardware Appliance or Software has been installed, then configuration of Swivel can begin. For the appliance see [Getting Started Basic CMI configuration](#).

Useful installation tools for virtual or hardware appliance configuration

- ssh on port 22, see [PuTTY How To Guide](#)
- scp on port 22, see [WinSCP How To Guide](#)
- web access on port 8080
- web access on port 10000, [Webmin How To Guide](#)

Set the [Timezone](#) on appliances or software installs.

Configuring Swivel

Step 5: Configure the Swivel application

[How to initially configure PINsafe](#)