

# Ports

## Overview

This document outlines the ports used by Swivel appliances for communication.

## Prerequisites

Swivel Appliance 2.x

## Port Configuration

Swivel Appliance Communication Ports

Service	Direction	Port Number	TCP/UDP/ICMP	Source	Destination
Swivel Administration	Inbound	8080	TCP	Management Console	Swivel Appliance (SSL by default)
Swivel Proxy	Inbound	8443	TCP	External connections	Swivel Appliance (SSL by default)
SSH	Inbound	22	TCP	Management Console	Swivel Appliance
Webmin	Inbound	10000	TCP	Management Console	Swivel Appliance
RADIUS Authentication	Inbound	1812	UDP	Access device	Swivel Appliance
RADIUS Accounting	Inbound	1813	UDP	Access device	Swivel Appliance
Agent-XML	Inbound	8080	TCP	Access device using Agent-XML	Swivel Appliance (SSL by default)
DNS	Outbound	53	TCP/UDP	Swivel Appliance	DNS Server
NTP	Outbound	123	UDP	Swivel Appliance	Time Server
SMTP	Outbound	25	TCP	Swivel Appliance	Email Server
Syslog	Outbound	514	UDP	Swivel Appliance	Syslog Server
FTP	Outbound	20	TCP	Swivel Appliance	FTP Backup Server
Web	Outbound	443	TCP	Swivel Appliance	SMS Server (SSL by default)
SMPP	Outbound	2775	TCP	Swivel Appliance	SMPP SMS Server
LDAP	Outbound	389	TCP	Swivel Appliance	AD, ADAM or LDAP Server
LDAPS	Outbound	636	TCP	Swivel Appliance	AD, ADAM or LDAP Server over SSL
Global Catalog	Outbound	3268	TCP	Swivel Appliance	AD, ADAM or LDAP Server
Global Catalog Secure	Outbound	3269	TCP	Swivel Appliance	AD, ADAM or LDAP Server
SNMP	Inbound	161	UDP	SNMP server	Swivel Appliance
Dell OpenManage	Inbound	1311	UDP	Dell OpenManage server	Swivel Appliance

Swivel Additional A/A Appliance Communication Ports

Service	Direction	Port Number	TCP/UDP/ICMP	Source	Destination
Ping	Bi-directional	-	ICMP	Swivel Appliance	Gateway
SSH	Bi-directional	22	TCP	Swivel Appliance	Swivel Appliance
MySQL	Bi-directional	3306	TCP	Swivel Appliance	Swivel Appliance
Heartbeat	Bi-directional	631	UDP	Swivel Appliance	Swivel Appliance
Heartbeat	Bi-directional	694	UDP	Swivel Appliance	Swivel Appliance
Administration Synchronisation	Bi-directional	61616	TCP	Swivel Appliance	Swivel Appliance
Appliance Synchronisation	Bi-directional	8080	TCP	Swivel Appliance	Swivel Appliance (SSL by default)

Older A/A Appliance Communication Ports

Service	Direction	Port Number	TCP/UDP/ICMP	Source	Destination
Session Sharing	Bi-directional	4446	UDP	Swivel Appliance	Swivel Appliance