

HMS Ports

The following ports should be opened for a Perforce Helix Management System server.

The server is typically named something like `p4hms.corp.company.com` with `p4hms` as the short name. This name is assumed in the following samples.

Table 1. TCP Ports for the Helix Management System

Port	Service	From/To	Notes
22	SSH	From p4hms to all managed Helix servers.	
22	SSH	To p4hms from where HMS admins want to SSH from.	
7467	P4Broker	To p4hms from all managed Helix servers.	Recommended but optional.
7468	P4D	To p4hms from all managed Helix servers.	
7467	P4Broker	From where HMS admins want to manage from.	Recommended but optional.
7468	P4D	From where HMS admins want to manage from.	
7427	HAS	To p4hms from where HMS admins want to auth with HAS from.	If using the Helix Authentication Service (HAS) .
XXXX	P4Broker	From p4hms to each managed p4broker, using the broker's P4PORT.	
YYYY	P4D	From p4hms to each managed p4d, using the p4d's P4PORT.	
ZZZZ	P4P	From p4hms to each managed p4p, using the p4p's P4PORT.	
443	Swarm/HTTPS	To p4hms from where HMS admins want to manage from.	Assumes HMS will have a dedicated Swarm on same box (recommended).

Port	Service	From/To	Notes
9090	Prometheus	To p4hms from where HMS admins want to manage from.	
3000	Grafana	To p4hms from where HMS admins want to manage from.	
9100	Node Exporter	From p4hms to all managed Helix server machines.	