

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. | |