

# ***Job Monitoring in Interdomain Delivery***

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This technical note provides a brief description of interdomain delivery. It also describes the different ways users can monitor interdomain job delivery.

## **About interdomain delivery**

Interdomain delivery enables users in one HP Output Server domain to submit jobs to destinations in another HP Output Server domain. Each of the HP Output Server domains include the primary servers and at least one Delivery Manager (DLM), one Job and Queue Manager (JQM), and one Destination Manager (DSM). The Name Space Manager (NM) in an HP Output Server domain identifies the host name, port number, and domain for each server. The NM keeps track of this information for each domain and also makes it possible for clients and servers to communicate within and between domains.

You can set up interdomain delivery in one direction (uni-directional) or in two directions (bi-directional). Once the network connectivity is established between the two HP Output Server domains, you need to grant permissions to the servers for them to access the servers in another domain and grant permissions to users so that they are able to submit jobs to logical destinations in another domain.

For further information on how to configure interdomain delivery, please refer to the *System Administrator's Guide* for HP Output Server 3.5, under the section "Name Space Manager."

The following section describes how to monitor jobs in interdomain delivery.

## **Job monitoring in interdomain delivery**

There are different ways to monitor jobs performed in an HP Output Server domain while submitting jobs to destinations in another HP Output Server domain.

Before the interdomain job can be monitored, the job needs to be delivered from domain-1 to domain-2 with the help of the command given below:

```
pdpr -d destination@domain2 filename
```

Once the job is delivered, perform any one of the following:

- To list the status of a job using `pdq` command, type:

```
pdq <job-name>
```

For example, `pdq dlm:x:xx`

Output

```
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IDS Job id=dlm:x:xx Request Successful  
-job-identifier:jqm@domain-2:xxxxxx  
-current-job-state:pre-processing  
-destination:ld@domain-2
```

- To list the attributes of the job, type:  
`pdls -a all jqm@domain-2:xxxxxx`  
For example, `pdls -a all jqm@domain-2:17298`
- To list all the jobs in queue `q1` on JQM server, type:  
`pdls -c queue jqm@domain-2:q1`

Interdomain monitoring ensures greater reliability and manageability within and between the domains. The other features of HP Output Server such as job delivery also get managed and tracked successfully.