

Hosts File - All OS (Debian/Win2019)

Hosts File

The jtel system uses aliases to reference the other machines in the installation. This removes all dependencies to cryptic host names, and customer DNS servers.

The hosts file must be provided on each system, and should contain aliases pointing to the following machines (red entries are not required).

| Alias | Signifies | Single DB Installation | Master-Slave Installation | Redundant Master-Master Installation |
|-----------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| acd-dbm | Database Master | The database machine. | The database master. | The Load Balancer Virtual Shared IP Address. |
| acd-dbm1 | First Database Master | | | The first database master. |
| acd-dbm2 | Second Database Master | | | The second database master. |
| acd-dbs | Database Slave | The database machine. | The database slave. | The Load Balancer Virtual Shared IP Address. |
| acd-dbs1 | First Database Slave | | | The first database slave. |
| acd-dbs2 | Second Database Slave | | | The second database slave. |
| acd-dbr | Reporting Database | The database machine. | The database slave. | The Load Balancer Virtual Shared IP Address. |
| acd-lb | The Load Balancer | The Load Balancer | The Load Balancer | The Load Balancer Virtual Shared IP Address. |
| acd-lb1 | First Load Balancer | | | The first load balancer. |
| acd-lb2 | Second Load Balancer | | | The second load balancer. |
| acd-store | The File Storage | The Load Balancer | The Load Balancer | The Load Balancer Virtual Shared IP Address. |
| acd-tel1 ... acd-telN | The Telephony Machine(s) Numbered from 1 ... N | The Telephony Machine(s) Numbered from 1 ... N | The Telephony Machine(s) Numbered from 1 ... N | The Telephony Machine(s) Numbered from 1 ... N |
| acd-jb1 ... acd-jbN | The Webserver Machine(s) Numbered from 1 ... N | The Webserver Machine(s) Numbered from 1 ... N | The Webserver Machine(s) Numbered from 1 ... N | The Webserver Machine(s) Numbered from 1 ... N |

The hosts file is located in: **/etc/hosts** on linux, and **c:\Windows\system32\drivers\etc\hosts** on windows.

Note, under windows you must be in an elevated command prompt or run the editor in elevated mode to edit the file.



Under linux, you will need to edit the file with sudo, or as root.

Examples

The following lines should be added to the files in each case.



Note, that windows does not need entries for localhost, whereas linux does.

You should not touch these parts of the file - just add entries to the end.

Example Hosts File Single DB

```
10.0.0.1 acd-lb
10.0.0.1 acd-store

10.0.0.11 acd-dbm
10.0.0.11 acd-dbs
10.0.0.11 acd-dbr

10.0.0.31 acd-tell

10.0.0.41 acd-jb1
10.0.0.42 acd-jb2
```

Example Hosts File Master-Slave

```
10.0.0.1 acd-lb
10.0.0.1 acd-store

10.0.0.11 acd-dbm
10.0.0.21 acd-dbs
10.0.0.21 acd-dbr

10.0.0.31 acd-tell

10.0.0.41 acd-jb1
10.0.0.42 acd-jb2
```

Example Hosts File Redundant

```
10.0.0.1 acd-dbm
10.0.0.1 acd-dbs
10.0.0.1 acd-dbr
10.0.0.1 acd-lb
10.0.0.1 acd-store
```

```
10.0.0.11 acd-dbm1
10.0.0.12 acd-dbm2
10.0.0.21 acd-dbs1
10.0.0.22 acd-dbs2
```

```
10.0.0.31 acd-tel1
10.0.0.32 acd-tel2
```

```
10.0.0.41 acd-jb1
10.0.0.42 acd-jb2
10.0.0.43 acd-jb3
10.0.0.44 acd-jb4
```

```
10.0.0.51 acd-lb1
10.0.0.52 acd-lb2
```