



Figure 57. Example System to show DNS Configuration

This is not a recommended way to connect a system with only so few nodes. It is an example to show concepts. A system with more servers, clients and controllers would be configured in a similar way.

Table 12. DNS Configuration Example

Node name	Node	Area	Path	IP Address	Preferred DNS server	Alternate DNS server	Auto register in DNS
Domain Controller 1	1	1	0	172.16.4.1	172.16.4.1	172.16.4.2	Yes
			1	172.17.4.1	172.16.4.1	172.16.4.2	Yes
Domain Controller 2	2	1	0	172.16.4.2	172.16.4.1	172.16.4.2	Yes
			1	172.17.4.2	172.16.4.1	172.16.4.2	Yes
Aspect Server 11	11	1	0	172.16.4.11	172.16.4.1	172.16.4.2	Yes
			1	172.17.4.11	172.16.4.1	172.16.4.2	Yes

Table 12. DNS Configuration Example

Node name	Node	Area	Path	IP Address	Preferred DNS server	Alternate DNS server	Auto register in DNS
Connectivity Server AC 800M 21	21	1	0	172.16.4.21	172.16.4.1	172.16.4.2	Yes
			1	172.17.4.21	172.16.4.1	172.16.4.2	Yes
	20	0	172.16.80.21	172.16.4.1	172.16.4.2	No	
		1	172.17.80.21	172.16.4.1	172.16.4.2	No	
Connectivity Server AC 800M 22	22	1	0	172.16.4.22	172.16.4.1	172.16.4.2	Yes
			1	172.17.4.22	172.16.4.1	172.16.4.2	Yes
	21	0	172.16.84.22	172.16.4.1	172.16.4.2	No	
		1	172.17.84.22	172.16.4.1	172.16.4.2	No	
Connectivity Server AC 800M 23	23	1	0	172.16.4.23	172.16.4.1	172.16.4.2	Yes
			1	172.17.4.23	172.16.4.1	172.16.4.2	Yes
	21	0	172.16.84.23	172.16.4.1	172.16.4.2	No	
		1	172.17.84.23	172.16.4.1	172.16.4.2	No	
Client 71	71	1	0	172.16.4.71	172.16.4.1	172.16.4.2	Yes
			1	172.17.4.71	172.16.4.1	172.16.4.2	Yes
Controller 151 Single CPU	151	20	0	172.16.80.151	[n.a.]	[n.a.]	[n.a.]
			1	172.17.80.151	[n.a.]	[n.a.]	[n.a.]
Controller 201 Redundant CPU	201	21	0	172.16.84.201	[n.a.]	[n.a.]	[n.a.]
			1	172.17.84.201	[n.a.]	[n.a.]	[n.a.]
Backup CPU			0	172.16.86.201	[n.a.]	[n.a.]	[n.a.]
			1	172.17.86.201	[n.a.]	[n.a.]	[n.a.]

Table 12 shows how to set the DNS parameters for the Network Adapters in the PCs and what IP addresses to have in the DNS Forward Lookup Zone.

Each row in Table 12 represents a network interface in a PC or a Controller.

Node, Area and Path are the RNRP address parameters for the Network Interface.

[n.a.] means “not applicable”, e.g. the parameter Preferred DNS server does not exist for the network interfaces in the controllers.