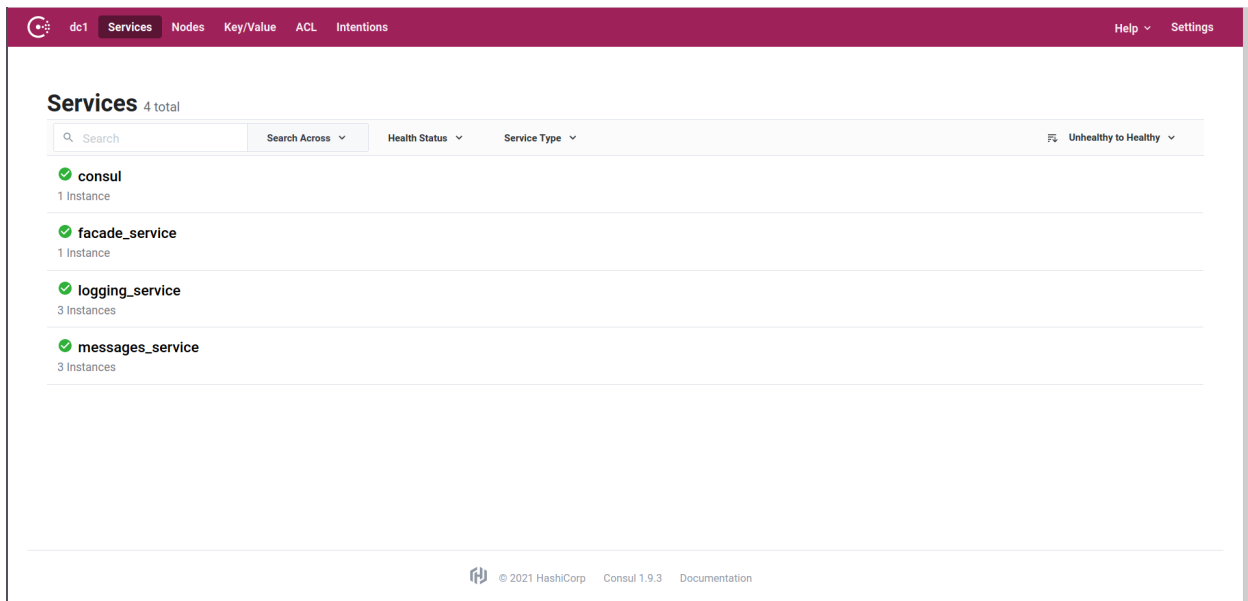


UI

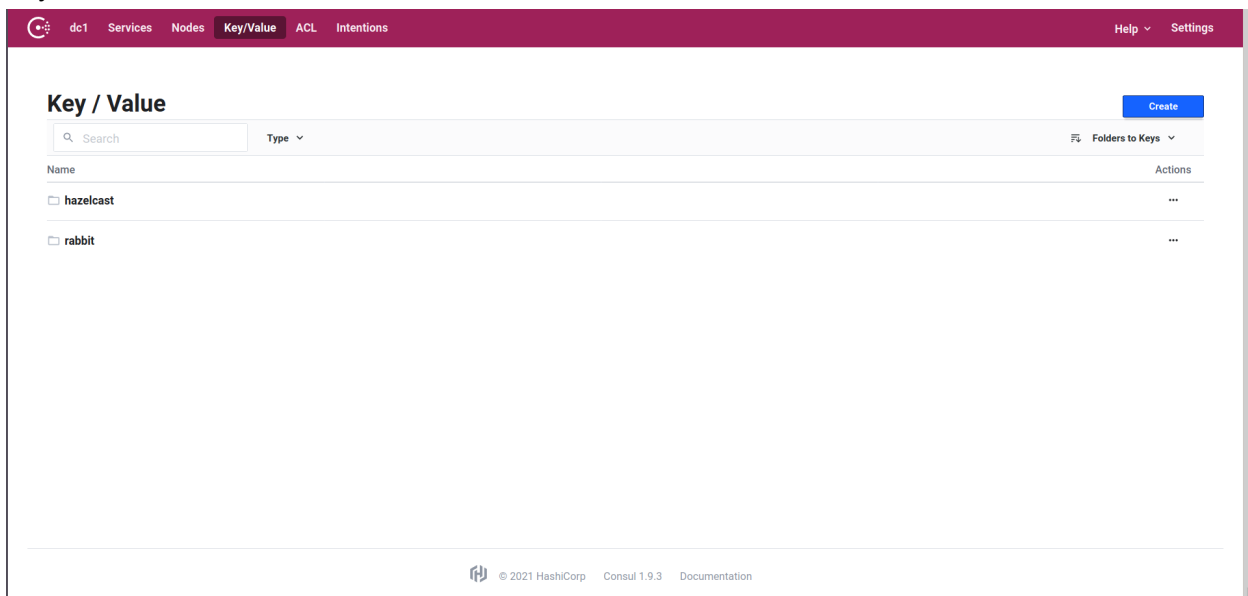


The screenshot shows the Consul UI 'Services' page. The top navigation bar is dark red with the Consul logo, 'dc1', and tabs for 'Services', 'Nodes', 'Key/Value', 'ACL', and 'Intentions'. On the right are 'Help' and 'Settings' links. The main content area has a title 'Services 4 total' and a search bar. Below the search bar are filters for 'Search Across', 'Health Status', and 'Service Type'. A toggle switch is set to 'Unhealthy to Healthy'. The services listed are:

- consul** (1 Instance)
- facade_service** (1 Instance)
- logging_service** (3 Instances)
- messages_service** (3 Instances)

The footer contains the HashiCorp logo, '© 2021 HashiCorp', 'Consul 1.9.3', and 'Documentation'.

Key-value



The screenshot shows the Consul UI 'Key / Value' page. The top navigation bar is dark red with the Consul logo, 'dc1', and tabs for 'Services', 'Nodes', 'Key/Value', 'ACL', and 'Intentions'. On the right are 'Help' and 'Settings' links. The main content area has a title 'Key / Value' and a 'Create' button. Below the title is a search bar and a 'Type' dropdown. A toggle switch is set to 'Folders to Keys'. The table below lists keys:

Name	Actions
<input type="checkbox"/> hazelcast	...
<input type="checkbox"/> rabbit	...

The footer contains the HashiCorp logo, '© 2021 HashiCorp', 'Consul 1.9.3', and 'Documentation'.

Use key-value

```
/ # consul kv put val/no-cas 1
Success! Data written to: val/no-cas
/ # consul kv get val/no-cas
1
/ # consul kv put val/no-cas 0
Success! Data written to: val/no-cas
/ # consul kv get val/no-cas
0
/ #
```

And with CAS

```
/ # consul kv put val/cas 1
Success! Data written to: val/cas
/ # consul kv get -detailed val/cas
CreateIndex      73
Flags            0
Key              val/cas
LockIndex        0
ModifyIndex      73
Session          -
Value            1
/ # consul kv put -cas -modify-index=1 val/cas 0
Error! Did not write to val/cas: CAS failed
/ # consul kv put -cas -modify-index=73 val/cas 0
Success! Data written to: val/cas
/ #
```

Services are registered and healthy

Services 4 total				
Search	Search Across	Health Status	Service Type	Unhealthy to Healthy
✓ consul				
1 Instance				
✓ facade_service				
1 Instance				
✓ logging_service				
3 Instances				
✓ messages_service				
3 Instances				

Server 1 is leader

Nodes 4 total

Node	Services	IP	Role
consul-client	0	10.254.2.4	
consul-server1	1	10.254.2.3	Leader
consul-server2	1	10.254.2.5	
consul-server3	1	10.254.2.6	

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Stop the leader

```
olekthunder@mellon miniature-adventure [micro_consul] → docker-compose stop consul-server1
Stopping consul-server1 ... done
olekthunder@mellon miniature-adventure [micro_consul] →
```

Got new leader

Nodes 4 total

Node	Services	IP	Role
consul-client	0	10.254.2.4	
consul-server2	1	10.254.2.5	Leader
consul-server3	1	10.254.2.6	
consul-server1	1	10.254.2.3	

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Start old leader again

```
olekthunder@mellon miniature-adventure [micro_consul] → docker-compose start consul-server1
Starting consul-server1 ... done
```

dc1

Services

Nodes

Key/Value

ACL

Intentions

Help

Settings

Nodes4 total

Search

Search Across

Health Status

Unhealthy to Healthy

✓

consul-client

0 Services

10.254.2.4

✓

consul-server1

1 Service

10.254.2.2

✓

consul-server2

Leader

1 Service


10.254.2.5

✓

consul-server3

1 Service

10.254.2.6



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Consul 1.9.3

[Documentation](#)