

Monitoring the Configuration of ICR Partitions

Purpose Display information about ICR partitions and their status.

Action To display information about all ICR partitions:

```
host1#show icr-partitions
Interface-Location Vrrp-Id   State      Partition-ID
-----
3/5/0.2            20        *Backup    part20A
3/5/0.1            10        Master     part10A
2/1/0.1            1         Backup     part1Backup
2/5/0.2            2         Backup     part2Backup
3/1/0.1            4         Dormant    part4
-----
Total ICR Partitions: 5
```

To display information based on the state of the ICR partition:

```
host1#show icr-partitions Master
Interface-Location Vrrp-Id   State      Partition-ID
-----
3/5/0.1            10        Master     part10A
-----
Total ICR Partitions in Master state: 1
```

To display a summary of the ICR partitions configured:

```
host1#show icr-partitions summary
Dormant ICR Partitions: 1
Backup ICR Partitions: 3
Master ICR Partitions: 1
Total ICR Partitions: 5
```

You can also display information about configured ICR partitions using a filter as an alternative to specifying the **state** keyword. For instance, to display information about the backup and dormant ICR partitions only, you can use the **exclude Master** keywords, as shown in the following example:

```
host1#show icr-partitions | exclude Master
Interface-Location Vrrp-Id   State      Partition-ID
-----
3/5/0.2            20        *Backup    part20A
2/1/0.1            1         Backup     part1Backup
2/5/0.2            2         Backup     part2Backup
3/1/0.1            4         Dormant    part4
-----
Total ICR Partitions: 5
```

Meaning Table 1 lists the **show icr-partitions** command output fields.

Table 1: show icr-partitions Output Fields

| Field Name | Field Description |
|------------------------|--|
| Interface-Location | Interface Identifier or location identifier of the ICR partition. |
| Vrrp-Id | VRRP identifier of the VRRP instance associated with the ICR partition. |
| State | <p>State of the ICR partition:</p> <ul style="list-style-type: none">■ Master—ICR partition that accepts subscriber login requests.■ Backup—ICR partition that does not accept subscriber login requests.■ Dormant—When the IP address or virtual router is forcibly deleted, or if the lower interface is not available, the ICR partition moves to the Dormant state. The dormant ICR partition does not accept subscriber login requests. <p>NOTE: The state of the ICR partition depends on the associated VRRP instance. When the state of the VRRP instance changes, the state of the ICR partition also changes. A '*' associated with an ICR partition indicates that the partition is in transition.</p> |
| Partition-ID | Identifier for the ICR partition. |
| Dormant ICR Partitions | Number of dormant ICR partitions configured on the router. |
| Backup ICR Partitions | Number of backup ICR partitions configured on the router. |
| Master ICR Partitions | Number of master ICR partitions configured on the router. |
| Total ICR Partitions | Total number of ICR partitions configured on the router. |

- Related Topics**
- Configuring the Interface on Which the ICR Partition Resides
 - show icr-partitions

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