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How to Create a clone of the ScaleArc Cluster on a different ScaleArc Instance.

Abhijit Dhumal - 2017-09-18 - 0 Comments - in ScaleArc Registered User

Release	Classification	Level	OS Platform	Category
5.2+	High 7x		All	Cluster Configuration



OBJECTIVE

How to Create a clone of the ScaleArc Cluster on a different ScaleArc Instance.

PROCEDURE

If you want to export a Cluster configuration from one ScaleArc instance to another

instance use the following procedure from ScaleArc CLI:

To take a backup a Cluster configuration from a ScaleArc Cluster use the following call:


```
$ curl -o <filename>.tar.gz "https://<ScaleArc Management
```

```
IP>/api/cluster/<CID>/export_cluster_config?apikey=<API Key>" -k
```


To Create the Cluster on the New Instance use the following API call:


```
$ curl -F "importClusterInfo=@<filename.tar.gz>"  
"https://<Destination ScaleArc  
IP>/api/import_cluster_config?apikey=<Destination ScaleArc API  
Key>&clustername=<Cluster Name>&instancename=<Instance  
Name>&cluster_inbound_ip=<Cluster Inbound  
IP>&cluster_outbound_ip=<Cluster Outbound
```

IP>&cluster_inbound_port=<Cluster Inbound Port>" -k

To fetch the API key for the ScaleArc instance from UI refer the steps mentioned in this KB [Article](#).

These steps will create a new cluster on the destination ScaleArc and clone the Cluster Settings, Cache & Query routing rules and "Users & Dbs" from the original cluster to the

New cluster.

Note: In order to create the Cluster with 'All IPs' enter the Inbound and Outbound IP

Address as "0.0.0.0"

Important Note :Post Cloned Cluster Creation, it is mandatory to run attached shell script when this KB followed with ScaleArc Version below 3.12. Script will ask for the Cluster ID of the newly created Cloned Cluster and perform configuration change in the sqlite. Post

Script execution, Please restart the cloned cluster.

Steps to execute above Important Note:

1. Copy the attached Script to ScaleArc instance in /home/idb directory.

2. Untar file


```
tar -zxvf sqliteclone.tar.gz
```


2. Assign execute permission to Script


```
chmod +x /home/idb/SqliteCloneChange.sh
```


3. Execute following with idb user and pass Cluster ID of the Cloned Cluster.


```
[idb@scalearckerb ~]$ sudo sh /home/idb/SqliteCloneChange.sh
```


Enter Cluster ID of Cloned Cluster: 3

Cloned Cluster ID is : 3

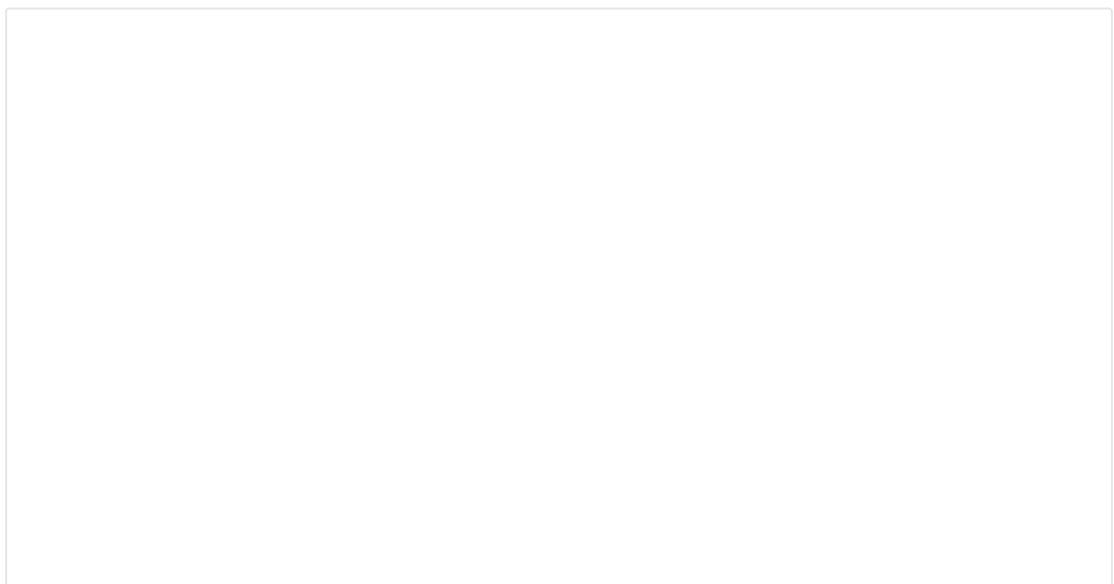
4. Restart the ScaleArc newly Cloned Cluster

If you are experiencing issues with ScaleArc or with any of its features, please contact ScaleArc Support. We are available 24x7 by phone at 855 800 7225 or +1 408 412 7315.

For general support inquiries, you can also e-mail us at support@scalearc.com.

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Tags

clone of the ScaleArc Cluster

clone scalearc cluster

export cluster configuration

Attachments

[sqliteclone.tar.gz](#) [269.00 B]

