

5-DRC INSIGHT - Validation and Testing

Purpose: Confirm COS is functioning properly before live testing begins.

Step 1 - Verify Services

```
sudo /opt/CentralOffice/node \  
/opt/CentralOffice/setup/node_modules/forever/bin/forever -p /opt/CentralOffice list
```

Confirm all four are running:

- management
 - relay
 - proxy
 - contenthosting
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Step 2 - Verify Ports

```
sudo ss -tulnp | grep node
```

Step 3 - Validate Local HTTP Response

```
curl -I http://127.0.0.1:55223
curl -I http://127.0.0.1:55224
curl -I http://127.0.0.1:55225
```

An HTTP 404 response at the root path can still indicate a healthy service.

Step 4 - Validate Content Directory

```
ls -lah /opt/CentralOffice/content_fs
```

The local content directory should populate after configuration is updated and content is downloaded.

Step 5 - Confirm DRC Portal Status

- Configuration shows green
 - Correct test content is selected
 - Content Hosting is enabled
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Step 6 - Validate Chromebook Access

- Confirm device is registered to the correct ORG Unit
 - Confirm Chromebook settings are correct
 - Open DRC INSIGHT and verify successful registration and readiness
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Pre-Test Validation Checklist

- COS registered with DRC
 - All COS services running
 - Node ports listening
 - Local content downloaded
 - Portal configuration green
 - Chromebooks registered to ORG Unit
 - Chromebook display size 100%
 - Chromebook keyboard US English
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Next Page: Troubleshooting

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