



Transcript—Fast Circuit Creation

In Release 10.3, fast circuit creation of protected and unprotected circuits is supported in the Circuit Creation perspective of the DWDM network functional view.

Let us now create an unprotected OCHCC circuit using the fast creation method. From the Change Perspective drop-down list in the toolbar, choose Circuit Creation. The Circuit creation view opens. From the Circuit Creation drop-down list, choose FastCircuit Unprotected.

The option selected is grayed out and a Cancel button appears in the toolbar.

Click the source node from the where the circuit must originate and then the destination node. A blue arrow appears that connects the two nodes. On clicking the destination node, the WSON checks for the compatible interfaces on both the nodes and displays the circuit types that can be created. The invalid options are grayed out in the menu.

Choose the OCHCC circuit type from the menu. The S D selection window appears that contains the most used configuration parameters.

Specify a name for the circuit.

Set the validation mode and acceptance threshold.

Check the Wavelength Configuration check box to configure the lambda for the circuit. A new panel called the "Preferred Wavelength Parameters" appears that allows the user to choose a wavelength. If the Wavelength Configuration checkbox remains unchecked, the WSON automatically finds the best lambda that matches the validation required.

Select the interfaces in the Working Circuit panel for the source and destination nodes. Based on the circuit type, additional configuration panes are displayed on the right. Modify the parameters are required.

If you want WSON to compute a path using the configuration parameters specified, click Pre-routed. The WSON computes the path of the circuit. When the route is found by the WSON and is in DISCOVERED state, it is highlighted in blue on the map. The circuit is created but placed out of service. The circuit appears in the Circuits tab in the Network Data pane in the locked state.

All the configuration parameters are disabled except for the circuit action options in the S D selection window. Click Accept to accept the path determined by WSON and place the circuit in service.

If the path is not acceptable, modify the constraints using the options in the W and P Constraints config drop-down list and click Refresh. The WSON recomputes the path and if the path is feasible, the WSON displays the new path. Click Accept to accept the path and place the circuit in service.

The OCHCC circuit creation is complete and the circuits appear in the Circuits tab in the Network Data pane in the unlocked state.

For detailed documentation of this procedure, see *Cisco ONS 15454 DWDM Network Configuration Guide, Release 10.x.x*.

Thanks for watching the video.