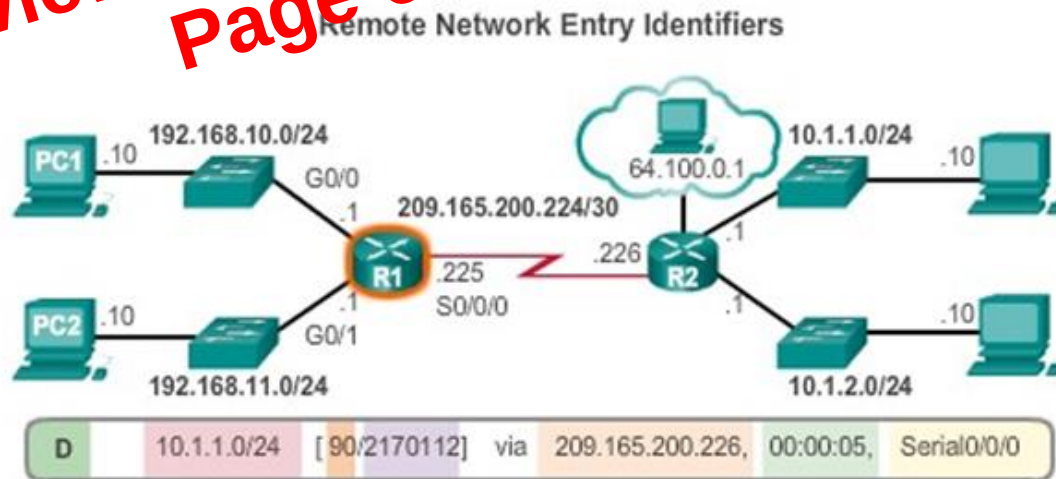


Interpreting the entries in the routing table

Preview from Notesale.co.uk
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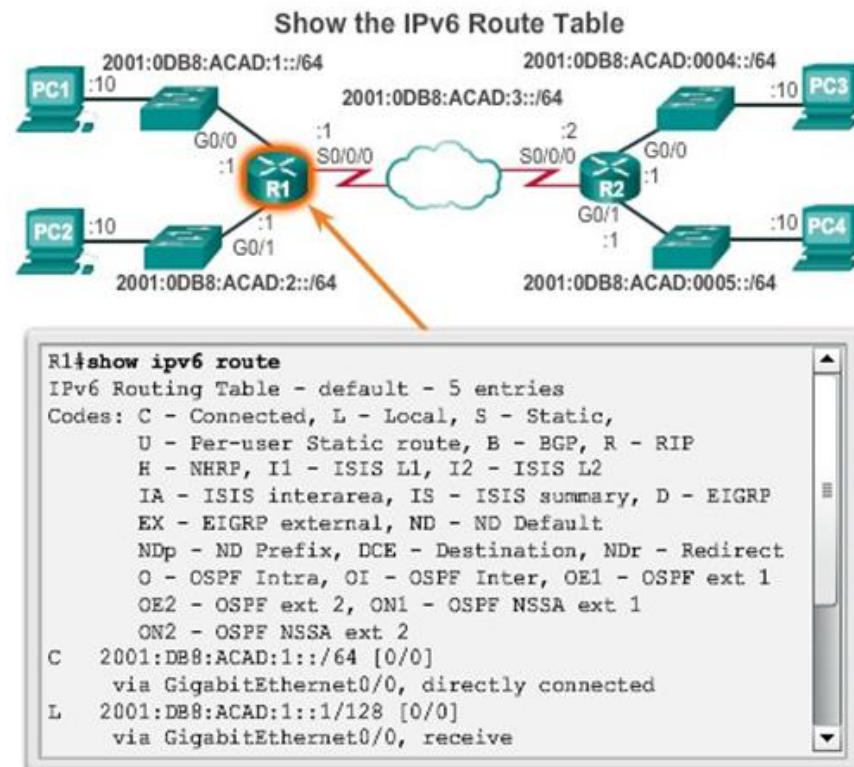


Legend

- Identifies how the network was learned by the router.
- Identifies the destination network.
- Identifies the administrative distance (trustworthiness) of the route source.
- Identifies the metric to reach the remote network.
- Identifies the next-hop IP address to reach the remote network.
- Identifies the amount of elapsed time since the network was discovered.
- Identifies the outgoing interface on the router to reach the destination network.

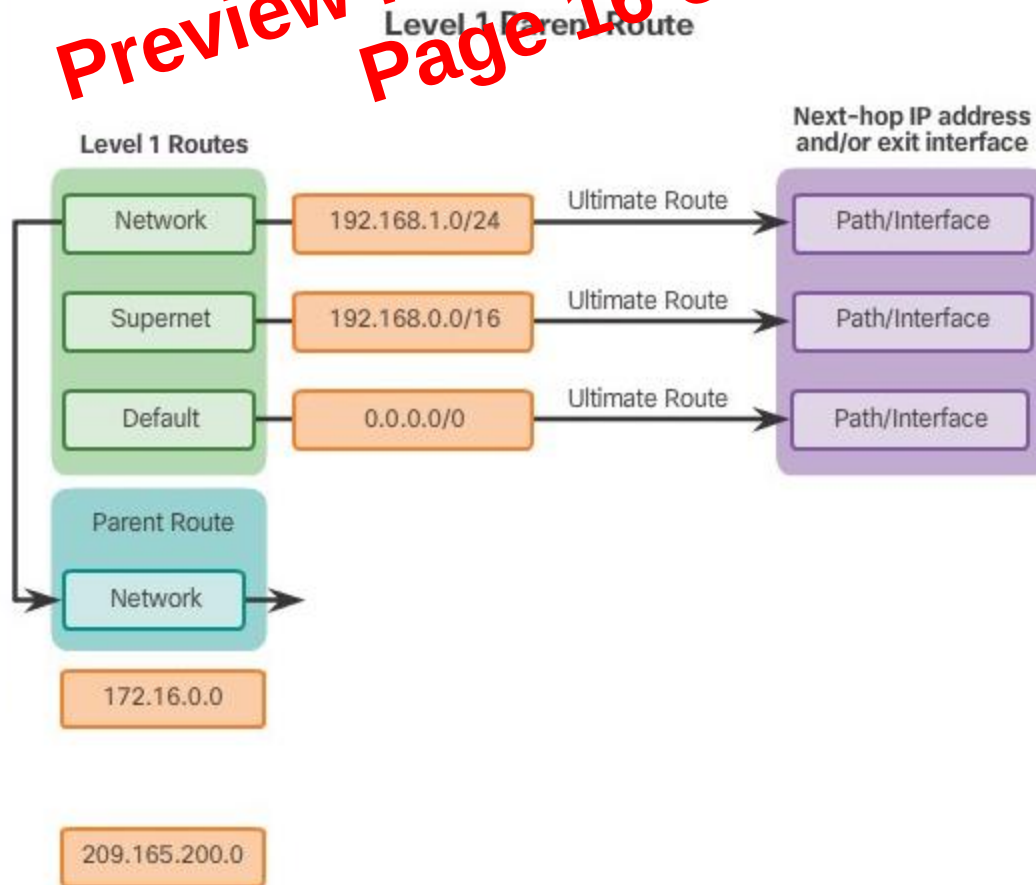
Directly connected IPv6 Routes

- The **show ipv6 route** command shows the ipv6 networks and routes installed in the routing table.



Level 1 Parent Route

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A level 1 parent route is a level 1 network route that is subnetted.

A parent route can never be an ultimate route.

Route Lookup Process (Cont...)

6. The router continues searching level 1 supernet routes in the routing table for a match, including the default route, if there is one.
7. If there is now a lesser match with a level 1 supernet or default routes, the router uses that route to forward the packet.
8. If there is not a match with any route in the routing table, the router drops the packet.

