

Blad1

Area Type:	Receives a Default GW?	Receives INTRA-A routes?	Receives INTER-A routes?	Receives External Routes?	Can redistribute Exernal Routes?
Normal Area	No	Yes	Yes	Yes	YES as LSA Type 5
Stub	Yes from the ABR	Yes	Yes	NO	NO
Totally Stubby	Yes from the ABR	Yes	NO	NO	NO
NSSA	No*	Yes	Yes	NO	YES as LSA type 7
Totally NSSA	Yes from the ABR	Yes	NO	NO	YES as LSA type 7

Route denominator:

- N NSSA route within the same area = Type 7, generated by an ASBR
- E External route = type 5, generated by an ASBR

Note: the NSSA external route of LSA type 7 (N) is converted by the ABR into a LSA type 5 (E) once it leaves the NSSA area.

* See <http://www.cisco.com/c/en/us/support/docs/ip/open-shortest-path-first-ospf/47870-ospfdb11.html>

“The area border router (ABR) for the NSSA does not, by default, originate a default route into the NSSA. You must use the area <x> nssa default-information originate command.”

The default route will be marked as “**O*N2**” route