

# OSPFv2 (Part 2)

## DR/BDR elections; Configuration Details

### Agenda

- Pop quiz on IPv6, OSPF
- Labs: not planning to ask for any other configs required to be submitted
- Review of NET1002/1006: can open (new) course on NetAcad if people wish
- Notice: We start hitting the limitations of PT as soon as we start OSPF. For anything beyond the basics, you'll need to use NetLab for accurate results.
- New material:
  - Complete slide decks on OSPF Basics (theory)
  - (Time permitting) Start OSPF Configuration

### Assignments and Lab work

- Lab 3 post-lab due **before** your lab session next week
- Lab 4 pre-lab: due **before** your lab session next week
- Lab 4: Single area OSPFv2, next week
- Readings: ENSA Ch 1, 2 due **by** next Mon's lecture

### References

- NetAcad ENSA course: Ch 1, 2 ("modules" 1, 2)

### OSPFv2: Key config commands

	CLI context	Config Command	Show command
1	# router ospf {proc-ID}	router-ID x.x.x.x	show ip protocols (+)
2		auto-cost reference-bandwidth {X}	show ip ospf
3		passive-interface {i/f name}	show ip protocols
4	(# ) # router ospf {proc-ID}	(ip route 0.0.0.0 0.0.0.0 {nextHop}) default-information originate	show ip route ospf
5	# interface {int-name}	ip ospf {proc-ID} area {X}	show ip ospf interface [i/f name]
6		ip ospf cost {value}	"
7		ip ospf priority {0-255}	"
8		ip ospf hello-interval {secs}	"
9		ip ospf dead-interval {secs}	"
10		ip ospf network point-to-point	"

Also: **show ip ospf neighbor** (neighbours) **show ip ospf database** (LSDB)