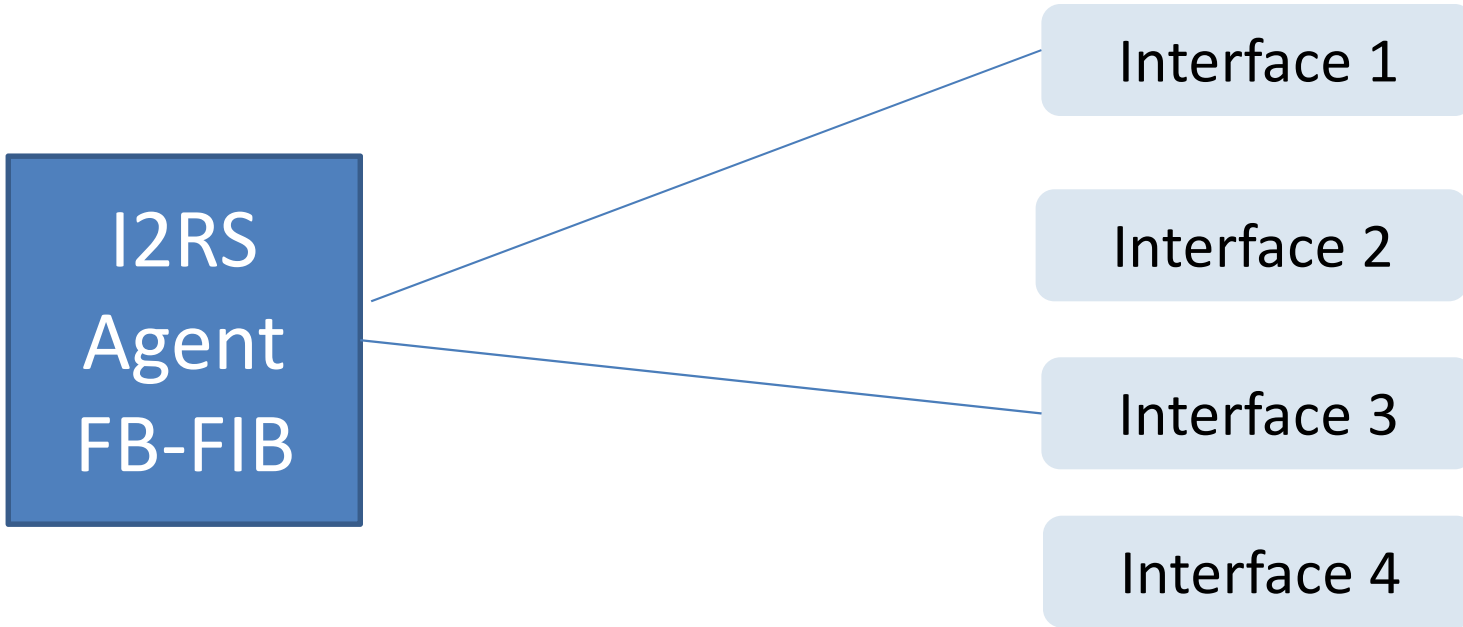


I2RS FIB model

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Design team



Default
RIB

Order
List

- 1: ECA group
- 2: ECA group
- 3: ECA group

- 1: ACL group
- 2: ACL group

fb-rib-types module

```
+--rw fb-ribs
```

```
+--rw type identityref //Replace with ephemeral
```

```
+--rw fb-rib* [rib-name]  
  +--rw rib-name string  
  +--rw rib-afi rt:address-family  
  +--rw fb-rib-intf* [name]  
    | +--rw name string  
    | +--rw intf if:interface-ref;  
    | +--rw default-fb-rib  
    | ...  
    | | +--rw instance-using*  
    | | +--rw fb-rib-group [name]  
    | | ...
```

```
| +--rw fb-rib-group* [group-name]
| |   +--rw group-name string
| |   +--rw order-number uint64
| |   +--rw filter-type identityref // acl, eca

| |   +--rw acl-group*
| |       path "/acl:access-lists/acl:acl/
| |           acl:access-list-entries";

| |   +--rw eca-group* bnp-eca:rule-group:name
```

Issues

- FB-RIBs – create policy routing
- FB-RIBs are
 - Apply to instance
 - Policy may be Beyond instance and apply to many instances (like ACLs)
- Filter Based RIBs – Need config + ephemeral
- No Filter-Based RIBs exist in Yang modules
- Solution: Created both ephemeral and non-ephemeral
- Watch for improved draft today