# BAR Requirements for EGEE-I

The following refers to our requirements, as listed in MJRA4.2: *Requirements and use cases for monitoring and diagnostics tools for users, middleware and operations*[1]

The current BAR prototype supports the following requirements:
- SA2-1-1: Point to point service requests
- SA2-6-1: Dynamic bandwidth reservation before transmission
- SA2.8: Scheduled reservation
- JRA4.20 Guaranteed delivery time

In addition to the above, the following BAR requirements are considered to be in scope for EGEE-1:
- SA2-13: Authorization
- JRA4.16: Prioritisation of service messages

The following BAR requirements are not within the scope of the project, as they are not supported by the underlying network and/or are not urgent:
- SA2-1-2: Point to multipoint service requests
- SA2-1-3: Multipoint to multipoint service requests
- SA2.2: Prioritisation of requests
- SA2-3-2: Provisioning of backup service instances
- SA2-4: Encryption during transmission
- SA2-5-2: Outbound connectivity for more than best effort
- SA2-6-2: Dynamic bandwidth reservation in the middle of transmission
- SA2-6-3: Multicast dynamic bandwidth reservation before transmission
- SA2-6-4: Multicast dynamic bandwidth reservation in the middle of transmission
- SA2-7-1: Monitoring of connection quality
- SA2-7-2: Connection quality for services requests
- SA2-10: Explicit specification of network path
- SA2-14: VPN channel emulation

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[1] https://edms.cern.ch/file/476742/1/EGEE-SA2-JRA4-TEC-476742-Requirements-v2.4.doc