

# SERVE\$ - Test For Server Connectivity

The SERVE\$ routine can be used to test if a Global Server is responding without executing a file or database operation that would otherwise result in a NETWORK ERROR. This call can be used to test if an RPC Client-Server connection is still reliable.

## 1. Invocation

To test if a Global Server is still responding to RPC calls code:

```
CALL SERVE$ USING unit
```

where *unit* is a PIC X(3) field containing a Unit Address on the target Global Server.

## 2. STOP Codes and Exception Conditions

No STOP codes are generated by SERVE\$.

The following exception conditions may be returned by SERVE\$:

EXIT code	\$\$COND	Description
15601	1	The Global Server is not configured or is not responding
15602	2	The Attach operation failed (e.g. illegal unit number supplied)
15603	3	Unexpected error (attempt to test an invalid unit e.g. a printer)

## 3. Programming Notes

Because of the single-threaded nature of the RPC interface this routine may take a considerable time to complete. Note the RPC Timeout characteristics can be modified using the RPCTimeout registry setting.

## 4. Examples

```
PROGRAM PRIFN
DATA DIVISION
77 X-3 PIC X(3)
VALUE "CLD"
PROCEDURE DIVISION
CALL SERVE$ USING X-3
ON EXCEPTION
IF $$COND = 1
DISPLAY "Global Server not configured or responding"
ELSE
DISPLAY "Unexpected error from SERVE$"
END
ELSE
DISPLAY "Global Server is responding"
END
...
```

## **5. Copy-Books**

None.

## **6. See Also**

None.