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## **SVC**

Supervisor Call causes an exception to be taken to EL1.

On executing an SVC instruction, the PE records the exception as a Supervisor Call exception in  $ESR\_ELx$ , using the EC value 0x15, and the value of the immediate argument.

```
SVC #<imm>
// Empty.
```

## **Assembler Symbols**

<imm>

Is a 16-bit unsigned immediate, in the range 0 to 65535, encoded in the "imm16" field.

## **Operation**

```
AArch64.CheckForSVCTrap(imm16);
AArch64.CallSupervisor(imm16);
```

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 $Internal\ version\ only: is a\ v33.64,\ AdvSIMD\ v29.12,\ pseudocode\ no\_diffs\_2023\_09\_RC2,\ sve\ v2023-06\_rel\ ;\ Build\ timestamp:\ 2023-09-18T17:56$ 

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