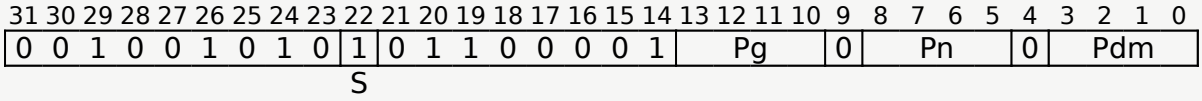
BRKNS

Propagate break to next partition, setting the condition flags

If the last active element of the first source predicate is false then set the destination predicate to all-false. Otherwise leaves the destination and second source predicate unchanged. Sets the first (N), none (Z), !last (C) condition flags based on the predicate result, and the V flag to zero.



BRKNS <Pdm>.B, <Pg>/Z, <Pn>.B, <Pdm>.B

```
if !HaveSVE() && !HaveSME() then UNDEFINED;
integer g = UInt(Pg);
integer n = UInt(Pn);
integer dm = UInt(Pdm);
boolean setflags = TRUE;
```

Assembler Symbols

<Pdm>	Is the name of the second source and destination scalable predicate register, encoded in the "Pdm" field.
<Pg>	Is the name of the governing scalable predicate register, encoded in the "Pg" field.
<Pn>	Is the name of the first source scalable predicate register, encoded in the "Pn" field.

Operation

```
CheckSVEEnabled();
constant integer VL = CurrentVL;
constant integer PL = VL DIV 8;
bits(PL) mask = P[g, PL];
bits(PL) operand1 = P[n, PL];
bits(PL) operand2 = P[dm, PL];
bits(PL) result;

if LastActive(mask, operand1, 8) == '1' then
    result = operand2;
else
    result = Zeros(PL);

if setflags then
    PSTATE.<N,Z,C,V> = PredTest(Ones(PL), result, 8);
P[dm, PL] = result;
```

Operational information

If FEAT_SME is implemented and the PE is in Streaming SVE mode, then any subsequent instruction which is dependent on the NZCV condition flags written by this instruction might be significantly delayed.

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