AArch64 Instructions Index by Encoding

External Registers

DC CIGDPAE, Clean and invalidate of data and allocation tags by PA to PoE

The DC CIGDPAE characteristics are:

Purpose

Clean and invalidate of data and allocation tags by PA to PoE.

Configuration

This instruction is present only when FEAT_MEC is implemented. Otherwise, direct accesses to DC CIGDPAE are undefined.

Attributes

DC CIGDPAE is a 64-bit System instruction.

Field descriptions

63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32

	,		RES0							
			RES0							
 		 		 	_	 _	 	 _	_	_

31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

Bits [63:0]

Reserved, res0.

Executing DC CIGDPAE

Accesses to this instruction use the following encodings in the System instruction encoding space:

DC CIGDPAE, <Xt>

op0	op1	CRn	CRm	op2			
0b01	0b100	0b0111	0b1110	0b111			

```
if PSTATE.EL == ELO then
     UNDEFINED;
elsif PSTATE.EL == EL1 then
```

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