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Conformal defects in 6d (1,0) theories from holography

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We present a BPS flow within minimal $N=1$ supergravity in seven dimensions describing a warped AdS3 background supported by a “dyonic” profile of the three-form. Furthermore, we discuss the holographic interpretation of the above solution in terms of a defect SCFT2 inside the 6d (1,0) theory dual to the AdS in the asymptotic region. Finally we provide the brane picture of the aforementioned defect CFT as D2- and wrapped D4-branes ending on a D6 –NS5 –D8 funnel in massive type IIA string theory.

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